



Yr Adran Fathemateg

11

Y Canllaw

Cyfrifo

Enw:

Cynnwys

Pwrpas y pecyn yma yw datblygu ac ymarfer eich sgiliau cyfrifo heb gyfrifiannell.

Mae darn cyntaf y pecyn (tudalennau 3-13) yn cynnwys y **llyfrgell technegau**, sy'n dangos sut i gwblhau cyfrifiadau gwahanol yn ymwneud ag...

- Adio
- Tynnu
- Lluosi
- Rhannu
- Canrannau

Mae ail ddarn y pecyn (tudalennau 14-38) yn cynnwys 25 o daflenni ymarfer.

Ymarfer 1

Swm i'w gwblhau.

Lle i gyfrifo'r ateb.

Sawl marc mae'r cwestiwn yn werth.

Lleoliad y math yma o swm yn y **llyfrgell technegau**.

(1) $14 + 23 + 10 + 28$ Marc: ___ / 1 A1	(2) 532×4 Marc: ___ / 1 LL2	(3) Beth yw 10% o £65? Marc: ___ / 1 C1
(4) $725 - 487$ Marc: ___ / 1 T2	(6) $6 \div 0.5$ Marc: ___ / 1 LL10	(5) $\frac{3}{4} \times 20$ Marc: ___ / 1 LL10
(8) $320,000 \div 4,000$ Marc: ___ / 2 RH7	(9) 1 awr 30 munud + 2 awr 45 munud Marc: ___ / 1 A4	(7) Beth yw 73% o £92? Marc: ___ / 3 C2
(11) $\frac{42}{240} \times 40$ Marc: ___ / 2 LL12	(10) 7.8×60 Marc: ___ / 2 LL6	

Llyfrgell Technegau

Adio

A1	Adio rhifau yn y pen
32 + 16 + 24	
$= 72$	
A2	Adio mewn colofn
4235 + 739	
$\begin{array}{r} 4235 \\ + 739 \\ \hline 4974 \end{array}$	
A3	Adio degolion
43.94 + 2.736	
$\begin{array}{r} 43.94 \\ + 2.736 \\ \hline 46.676 \end{array}$	
A4	Adio amser
3 awr 25 munud + 2 awr 53 munud	
$3 + 2 = 5, 25 + 53 = 78$ $5 \text{ awr } 78 \text{ munud}$ $= 6 \text{ awr } 18 \text{ munud}$	

$$32 \rightarrow 38 \rightarrow 48 \rightarrow 52 \rightarrow 72$$

NEU

$$60 + 12 = 72$$

Gosod allan:

unedau o dan unedau
degau o dan degau ayb.

Cychwyn o'r dde.

Cario ymlaen fel bo'r angen.

Sicrhau bod y ddau bwynt
degol o dan ei gilydd.

Cychwyn o'r dde.

Cario ymlaen fel bo'r angen.

Adio'r oriau a'r munudau
ar wahân i gychwyn.

Dim ond 60 munud mewn
awr felly mae angen
gumend $78 - 60 = 18$.

A5

Adio ffracsiynau
(enwaduron hafal)

$$\frac{3}{8} + \frac{1}{8}$$

$$\frac{3}{8} + \frac{1}{8} = \frac{4}{8}$$

$$= \frac{1}{2}$$

A6

Adio ffracsiynau
(enwaduron gwahanol)

$$\frac{2}{5} + \frac{3}{4}$$

$$\frac{2}{5} + \frac{3}{4} = \frac{8}{20} + \frac{15}{20}$$

$$= \frac{23}{20}$$

$$= 1 \frac{3}{20}$$

+	2	5	=	23
3	X	15	=	20
4	8	20	=	1 \frac{3}{20}

A7

Adio rhif negatif

$$12 + -5$$

$$= 12 - 5$$

$$= 7$$

Adiwr ddau rifiadur (top),
cadwir enwadur (gwaelod)
yr un peth.
Cofio symleiddio'r ffracsiwn
os yn bosib.

Dull ①: Y Dull Traddodiadol.
Ysgrifennu'r ffracsiynau
dros enwadur cyffredin
(yr hif lleiaf yn nhablau
5 a 4) cyn adio'r
ffracsiynau.

Newid y ffracsiwn pendrum
i fod yn rhif cymysg.

Dull ②: Dull y gneuen dddear.
Llenwir tabl drwy llosgi
cyn adio'r rhifau yn y
'gneuen dddear'. Newid y
ffracsiwn pendrum i fod yn
rhif cymysg.

Mae adio rhif negatif yr
un peth â thynnu.

Tynnu

T1	Tynnu rhifau yn y pen
78 - 3 - 12	
$= 63$	
T2	Tynnu mewn colofn
325 - 143	
$\begin{array}{r} 2 \\ \cancel{3} 25 \\ - 143 \\ \hline 182 \end{array}$	
T3	Tynnu degolion
87.2 - 4.68	
$\begin{array}{r} 6 \\ 8 \cancel{7} \\ - 4.68 \\ \hline 82.52 \end{array}$	
T4	Tynnu amser
3 awr 20 munud - 1 awr 35 munud	
3 awr 20 munud	
2 awr 20 munud	
2 awr	
1 awr 45 munud	

$$78 \rightarrow 75 \rightarrow 65 \rightarrow 63$$

NEU

$$78 - 15 = 63$$

Gosod allan: unedau o dan unedau, degau o dan degau ayb. Cychwyn o'r dde. 'Benllyn' o'r golofn nesaf i'r chwith, fel bo'r angen.

Sicrhau bod y ddau bwynt degol o dan ei gilydd. Ychwanegu'r 0 i gychwyn. Mae pwynt degol y ratab yn yr un lleoliad.

$$\left. \begin{array}{l} \text{Tynnu 1 awr} \\ \text{Tynnu 20 munud} \\ \text{Tynnu 15 munud} \end{array} \right\} 20 + 15 = 35$$

Lluosi

LL1		Lluosi rhifau yn y pen			
4	×	5	=	20	
7	×	3	=	21	
6	×	9	=	54	
LL2		Lluosi efo rhif cyfan llai na 10			
427 × 6					
		4	2	7	
	×			6	
		2	5	6	2
		1	4		
LL3		Lluosi efo 5 yn sydyn			
64 × 5					
64	×	10	=	640	
640	÷	2	=	320	
LL4		Lluosi rhifau cyfan efo'r grid			
417 × 68					
		4	1	7	
2		2	4	0	4
		3	0	6	2
8		1	2	8	5
		3	5	6	8
Ateb: 28,356					

Maen ddefnyddiol gallu cofion rhugl ffeithiau llusosi fel y rhai yma.

Gweithio or dde i'r chwith.

Cario ymlaen fel bôr angen.

± llusosi efo 5 yn sydyn, llusoswch efo 10 wedyn hanerwch.

Cam 1: Gosod y swmallan gan ddefnyddio grid.

Cam 2: Llenwir grid trwy llusosi'r digidau ar y top efo'r digidau ar y dde.

Cam 3: Adio'r croeslinau gan gychwyn gwaelod ar y dde.

LL5 Lluosi degolion efo'r grid

2.8×3.76

Ateb: 10.528

Dilynwch yr un dull ag uchod (LL4) i gychwyn.

I gael lleoliad y pwynt degol yn yr ateb, mae'r ddau bwynt degol gwreiddiol yn cyfarfod yn a'n mynd ar draws y groeslin.

LL6 Lluosi trwy ffactorio

4.2×20

$= 4.2 \times 10 \times 2$

$= 42 \times 2$

$= 84$

Rydym yn ffactorio 20 fel 10×2 er mwyn hollti'r swm gwreiddiol i mewn i ddau swm haws.

LL7 Pwerau

3^4

$= 3 \times 3 \times 3 \times 3$

$= 9 \times 3 \times 3$

$= 27 \times 3$

$= 81$

$$\begin{array}{r} 27 \\ \times 3 \\ \hline 81 \end{array}$$

Dull gwahanol:

$3 \times 3 \times 3 \times 3$

$= 9 \times 9$

$= 81$

LL8

Lluosi rhifau mawr

4000×500

$4 \times 5 = 20$

4000×500

$= 2000000$

$= 2,000,000$

Cychwyn trwy luosi'r digidau nad ydynt yn sero. Mae 5 sero yn y cwestiwn, felly mae angen 5 sero yn yr ateb hefyd.

LL9

Lluosi dau ffracsiwn

$\frac{3}{5} \times \frac{2}{3}$

$\frac{3}{5} \times \frac{2}{3} = \frac{6}{15}$

$= \frac{2}{5}$

Cychwyn trwy luosi'r ddau rifiadur (Eop) a lluosir ddau enwadur (gwaelod). Yn a symleiddio'r ateb, os yn bosib.

LL10

Lluosi efo ffracsiwn

$\frac{3}{4} \times 8$

$8 \div 4 = 2$

$2 \times 3 = 6$

Cam ①: Rhannu efo'r enwadur (ffeindio $\frac{1}{4}$). Cam ②: Lluosi efo'r rhifiadur (ffeindio $\frac{3}{4}$).

LL11

Lluosi efo ffracsiwn: symleiddio

$\frac{30}{240} \times 32$

$\frac{30}{240} \times 32 = \frac{3}{24} \times 32$

$= \frac{1}{8} \times 32$

$= 32 \div 8$

$= 4$

Symleiddio'r ffracsiwn trwy rannu top a gwaelod efo 10. Symleiddio'r ffracsiwn trwy rannu top a gwaelod efo 3. Cyfrifo $\frac{1}{8}$ o 32 trwy rannu 32 efo 8.

LL12

Lluosi efo ffracsiwn: cymudedd

$$\frac{17}{240} \times 60$$

$$\begin{aligned} \frac{17}{240} \times 60 &= \frac{60}{240} \times 17 \\ &= \frac{6}{24} \times 17 \\ &= \frac{1}{4} \times 17 \\ &= 4.25 \end{aligned}$$

LL13

Lluosi efo ffracsiwn: ffracsiynau cywerth

$$\frac{120}{250} \times 300$$

$$\begin{aligned} \frac{120}{250} \times 300 &= \frac{12}{25} \times 300 \\ &= \frac{48}{100} \times 300 \\ &= 3 \times 48 \\ &= 144 \end{aligned}$$

$$\begin{array}{r} 48 \\ \times 3 \\ \hline 144 \\ \hline 2 \end{array}$$

Defnyddio cymudedd llusio ($ab = ba$) i gael ffracsiwn sy'n bosib ei symleiddio. Symleiddio'r ffracsiwn trwy rannu top a gwaelod efo 10. Symleiddio'r ffracsiwn trwy rannu top a gwaelod efo 6. Rhannu 17 efo 4 trwy haneru 2 waith.

Symleiddio'r ffracsiwn trwy rannu top a gwaelod efo 10. Ffurio ffracsiwn cywerth trwy hosi top a gwaelod efo 4. Cyfrifo $300 \div 100 = 3$. Cyfrifo $3 \times 48 = 144$.

Rhannu

RH1	<i>Rhannu rhifau yn y pen</i>									
2	4	÷	3	=	8					
2	5	÷	5	=	5					
4	2	÷	6	=	7					
RH2	<i>Ffrâm rannu: dim gweddill</i>									
4236 ÷ 3										
			1	4	1	2				
		3	)	4	2	3	6			
RH3	<i>Ffrâm rannu: efo gweddill</i>									
6328 ÷ 5										
			1	2	6	5	9	3		
		5	)	6	3	2	8			
RH4	<i>Ffrâm rannu: ateb fel degolyn</i>									
2763 ÷ 4										
			0	6	9	0	7	5		
		4	)	2	7	6	3	0	0	
RH5	<i>Rhannu efo degolyn</i>									
3 ÷ 0.25										
	=	3	×	4						
	=	1	2							

Mae $24 \div 3 = 8$ gan fod $8 \times 3 = 24$.

Gosod allan: y rhif i'w rannu tu mewn y ffrâm rannu, y rhif i'w rannu efo tu allan. Gweithio o'r chwith i'r dde.

Cwestiwn iaf: 'Sawl gwaith mae 5 yn mynd i mewn i 6?'
 Ateb: 1 waith, efo 1 yn weddill. 2il gwestiwn: 'Sawl gwaith mae 5 yn mynd i mewn i 13?'

Ychwanegwch y **.00** i'r 2763 er mwyn gallu ysgrifennu'r ateb fel degolyn.

Mae 0.25 yn ffitio i mewn i un cyfan 4 gwaith felly mae rhannu efo 0.25 yr un peth â llnosi efo 4.

RH6

Rhannu efo degolyn trwy ddefnyddio ffracsiwn cywerth

$30 \div 1.2$

$$= \frac{30}{1.2}$$

$$= \frac{300}{12}$$

$$= \frac{150}{6}$$

$$= \frac{50}{2}$$

$$= 25$$

RH7

Rhannu trwy ganslo

$3600 \div 400$

$$= \frac{3600}{400}$$

$$= \frac{36}{4}$$

$$= 9$$

RH8

Rhannu ffracsiynau

$\frac{2}{5} \div \frac{3}{7}$

$$= \frac{2}{5} \times \frac{7}{3}$$

$$= \frac{14}{15}$$

Ysgrifennu'r sum rhannu fel ffracsiwn.

Linosi top a gwaelod efo 10.

Rhannu top a gwaelod efo 2.

Rhannu top a gwaelod efo 3.

Hanner 50 yw 25.

Newid y sum rhannu i fod yn ffracsiwn ac yna canslo parau o seroau (un ar y top, un ar y gwaelod bob tro).
Cyfrifo $36 \div 4 = 9$.

Mae rhannu efo ffracsiwn yr un peth â llusio efo cilydd y ffracsiwn.

- Peidio newid y ffracsiwn laf.
- Newid y sum \div i sum \times .
- Cymryd cilydd yr 2il ffracsiwn

Canrannau

C1 Canran o rif (hawdd)

Beth yw 20% o £60?

10% £60 ÷ 10 = £6
 20% £6 × 2 = £12

Ffeindio 10% trwy rannu â 10.
 Dybluir 10% i gael 20%.

C2 Canran o rif (canolig)

Beth yw 38% o £84?

10% £84 ÷ 10 = £8.40
 1% £8.40 ÷ 10 = £0.84

30% 8%

8.40		0.84
x 3		x 8
25.20		6.72
1		63

25.20	
+ 6.72	
£3.192	38%

Ffeindio 10% trwy rannu â 10
 Rhannu efo 10 eto.

Ffeindio 30% trwy luostr 10% efo 3, a ffeindio 8% trwy luostr 1% efo 8.

Ffeindio 38% trwy adio'r 30% at yr 8%.

C3 Canran o rif (anodd)

Beth yw 0.02% o 63?

10% 6.3
 1% 0.63
 0.1% 0.063
 0.01% 0.0063

0.02%

0.0063		2
0.0126		1

Ffeindio 0.01% trwy rannu efo 10 pedair gwaith, yna dyblu i ffeindio 0.02%.

Ymarfer 1

<p>(1) $14 + 23 + 10 + 28$</p> <p style="font-size: 1.5em; font-family: cursive;">= 75</p> <p>Marc: ___ / 1 A1</p>	<p>(2) 532×4</p> <p style="font-size: 1.5em; font-family: cursive;"> $\begin{array}{r} 532 \\ \times 4 \\ \hline 2128 \end{array}$ </p> <p>Marc: ___ / 1 LL2</p>	<p>(3) Beth yw 10% o £65?</p> <p style="font-size: 1.5em; font-family: cursive;"> $65 \div 10 = \pounds 6.50$ </p> <p>Marc: ___ / 1 C1</p>
<p>(4) $725 - 487$</p> <p style="font-size: 1.5em; font-family: cursive;"> $\begin{array}{r} 725 \\ - 487 \\ \hline 238 \end{array}$ </p> <p>Marc: ___ / 1 T2</p>	<p>(6) $6 \div 0.5$</p> <p style="font-size: 1.5em; font-family: cursive;"> $= 6 \times 2 = 12$ </p> <p>Marc: ___ / 1 RH5</p>	<p>(5) $\frac{3}{4} \times 20$</p> <p style="font-size: 1.5em; font-family: cursive;"> $20 \div 4 = 5$ $5 \times 3 = 15$ </p> <p>Marc: ___ / 1 LL10</p>
<p>(8) $320,000 \div 4,000$</p> <p style="font-size: 1.5em; font-family: cursive;"> $\begin{array}{r} 320000 \\ \hline 4000 \\ \hline 80 \end{array}$ </p> <p>Marc: ___ / 2 RH7</p>	<p>(9) 1 awr 30 munud + 2 awr 45 munud</p> <p style="font-size: 1.5em; font-family: cursive;"> $3 \text{ awr } 75 \text{ munud} = 4 \text{ awr } 15 \text{ munud}$ </p> <p>Marc: ___ / 1 A4</p>	<p>(7) Beth yw 73% o £92?</p> <p style="font-size: 1.5em; font-family: cursive;"> $10\% \pounds 9.20$ $1\% \pounds 0.92$ $\textcircled{70\%} \pounds 64.40$ $+ \pounds 2.76$ $\hline \pounds 67.16$ </p> <p>Marc: ___ / 3 C2</p>
<p>(11) $\frac{42}{240} \times 40$</p> <p style="font-size: 1.5em; font-family: cursive;"> $= \frac{40}{240} \times 42 = \frac{1}{6} \times 42 = 7$ </p> <p>Marc: ___ / 2 LL12</p>	<p>(10) 7.8×60</p> <p style="font-size: 1.5em; font-family: cursive;"> $= 7.8 \times 10 \times 6 = 78 \times 6 = 468$ </p> <p>Marc: ___ / 2 LL6</p>	<p style="font-size: 1.5em; font-family: cursive;"> $\textcircled{3\%} \pounds 2.76$ $+ \pounds 64.40$ $\hline \pounds 67.16$ </p> <p style="font-size: 1.5em; font-family: cursive;"> $\textcircled{73\%}$ </p>

Ymarfer 2

<p>(1) $64 - 5 - 13$</p> <p>$= 46$</p> <p>Marc: ___ / 1 T1</p>	<p>(2)</p> <p>$5 \times 4 = 20$</p> <p>$9 \times 6 = 54$</p> <p>$7 \times 5 = 35$</p> <p>$8 \times 8 = 64$</p> <p>$3 \times 12 = 36$</p> <p>Marc: ___ / 5 LL1</p>	<p>(3) $523 + 8,621$</p> <p style="text-align: right;">523 $+ 8621$ <hr/>9144</p> <p>Marc: ___ / 1 A2</p>
<p>(4) 6^3</p> <p>$= 6 \times 6 \times 6$</p> <p>$= 36$</p> <p style="text-align: right;">$\begin{array}{r} 36 \\ \times 6 \\ \hline 216 \end{array}$</p> <p>Marc: <u>3</u> / 1 LL7</p>	<p>(6) $\frac{2}{7} \div \frac{4}{5}$</p> <p>$= \frac{2}{7} \times \frac{5}{4}$</p> <p style="text-align: center;">$\frac{10}{28}$</p> <p>$= \frac{5}{14}$</p> <p>Marc: ___ / 2 RH8</p>	<p>(5) $7 - -4$</p> <p>$= 7 + 4$</p> <p>$= 11$</p> <p>Marc: ___ / 1 T7</p>
<p>(7) Beth yw 0.3% o £90?</p> <p>10% £9</p> <p>1% £0.90</p> <p>0.1% £0.09</p> <p>0.3% £0.09</p> <p style="text-align: right;">$\begin{array}{r} 0.09 \\ \times 3 \\ \hline 0.27 \end{array}$</p> <p>Marc: ___ / 2 C3</p>	<p>(9) $2,556 \div 6$</p> <p style="text-align: center;">$\begin{array}{r} 0426 \\ 6 \overline{) 2556} \end{array}$</p> <p>Marc: ___ / 1 RH2</p>	<p>(8) $\frac{20}{100} \times 30$</p> <p>$= \frac{2}{10} \times 30$</p> <p>$= \frac{1}{5} \times 30$</p> <p>$= 6$</p> <p>Marc: ___ / 2 LL11</p>
<p>(11) $1 \div 8$</p> <p style="text-align: center;">$\begin{array}{r} 0.125 \\ 8 \overline{) 1.000} \end{array}$</p> <p>Marc: ___ / 1 RH4</p>	<p>(12) 86×5</p> <p>$86 \times 10 = 860$</p> <p>$860 \div 2 = 430$</p> <p>Marc: ___ / 1 LL3</p>	<p>(10) $\frac{5}{12} + \frac{1}{12}$</p> <p>$= \frac{6}{12}$</p> <p>$= \frac{1}{2}$</p> <p>Marc: ___ / 2 A5</p>

Ymarfer 3

<p>(1)</p> <p>1 5 ÷ 5 = 3</p> <p>2 1 ÷ 3 = 7</p> <p>6 4 ÷ 8 = 8</p> <p>2 4 ÷ 2 = 12</p> <p>3 6 ÷ 4 = 9</p> <p>Marc: ___ / 5 RH1</p>	<p>(2) Beth yw 10% o \$64?</p> <p>$64 \div 10 = \\6.40</p> <p>Marc: ___ / 1 C1</p> <hr/> <p>(4) 2 awr 30 munud - 1 awr 40 munud</p> <p>= 50 munud</p> <p>Marc: ___ / 1 T4</p>	<p>(3) 283×49</p> <div style="text-align: center;"> $\begin{array}{r} 283 \\ \times 49 \\ \hline 2547 \\ 11320 \\ \hline 13867 \end{array}$ </div> <p>Marc: ___ / 2 LL4</p>
<p>(5) $14,400,000,000 \div 7,200,000,000$</p> <div style="text-align: center;"> $\begin{array}{r} 14400000000 \\ \underline{7200000000} \\ 7200000000 \\ \underline{7200000000} \\ 0 \end{array}$ </div> <p>= 2</p> <p>Marc: ___ / 2 RH7</p>	<p>(6) $5.28 + 72.063$</p> <div style="text-align: center;"> $\begin{array}{r} 5.28 \\ + 72.063 \\ \hline 77.343 \end{array}$ </div> <p>Marc: ___ / 1 A3</p>	<p>(7) $8 + -2$</p> <p>= $8 - 2$</p> <p>= 6</p> <p>Marc: ___ / 1 A7</p>
<p>(8) $\frac{3}{50} \times 70$</p> <p>= $\frac{6}{100} \times 70$</p> <p>= $\frac{420}{100}$</p> <p>= 4.2</p> <p>Marc: ___ / 2 LL13</p>	<p>(9) $\frac{3}{5} + \frac{7}{8}$</p> <div style="text-align: center;"> $\begin{array}{r} 24 \\ + 35 \\ \hline 59 \\ \hline 40 \\ \hline 119 \\ \hline 40 \end{array}$ </div> <p>= 119/40</p> <p>Marc: ___ / 2 A6</p>	<p>(10) $\frac{3}{5} \times \frac{7}{8}$</p> <div style="text-align: center;"> $\frac{21}{40}$ </div> <p>Marc: ___ / 1 LL9</p>

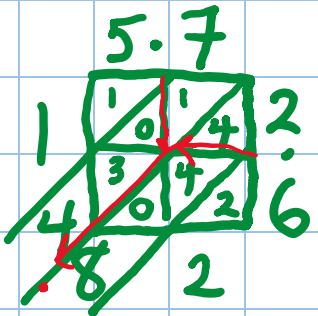
Ymarfer 4

<p>(1) 30×40</p> <p style="font-size: 2em; color: green;">= 1 2 0 0</p> <p>Marc: ___ / 1</p> <p style="text-align: right; background-color: #e6f2ff; padding: 2px;">LL8</p>	<p>(2) $42 + 9 + 21$</p> <p style="font-size: 2em; color: green;">= 7 2</p> <p>Marc: ___ / 1</p> <p style="text-align: right; background-color: #fff9c4; padding: 2px;">A1</p>	<p>(3) 56×7</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} 56 \\ \times 7 \\ \hline 392 \end{array}$ </div> <p>Marc: ___ / 1</p> <p style="text-align: right; background-color: #e6f2ff; padding: 2px;">LL2</p>
<p>(5) 5.23×7.4</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} 5.23 \\ \times 7.4 \\ \hline 208 \\ 3661 \\ \hline 38.702 \end{array}$ </div> <p>Marc: ___ / 2</p> <p style="text-align: right; background-color: #e6f2ff; padding: 2px;">LL5</p>	<p>(4) $34.6 - 2.75$</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} 34.60 \\ - 2.75 \\ \hline 31.85 \end{array}$ </div> <p>Marc: ___ / 1</p> <p style="text-align: right; background-color: #e6f2ff; padding: 2px;">T3</p>	<p>(6) $4.9 \div 1.4$</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} 4.9 \\ \div 1.4 \\ \hline 3.5 \end{array}$ </div> <p>Marc: ___ / 1</p> <p style="text-align: right; background-color: #ffe0b2; padding: 2px;">RH6</p>
<p>(8) $\frac{7}{9} - \frac{4}{9}$</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} \frac{7}{9} \\ - \frac{4}{9} \\ \hline \frac{3}{9} \\ \hline \frac{1}{3} \end{array}$ </div> <p>Marc: ___ / 2</p> <p style="text-align: right; background-color: #e6f2ff; padding: 2px;">T5</p>	<p>(7) $\frac{7}{9} - \frac{5}{8}$</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} \frac{56}{72} - \frac{45}{72} \\ \hline \frac{11}{72} \end{array}$ </div> <p>Marc: ___ / 2</p> <p style="text-align: right; background-color: #e6f2ff; padding: 2px;">T6</p>	<p>(9) 74×36</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} 74 \\ \times 36 \\ \hline 444 \\ 2220 \\ \hline 2664 \end{array}$ </div> <p>Marc: ___ / 2</p> <p style="text-align: right; background-color: #e6f2ff; padding: 2px;">LL4</p>
<p>(11) $1,387 \div 3$</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} 046291 \\ 3 \overline{) 1387} \\ \underline{3} \\ 0 \\ \underline{0} \\ 0 \\ \underline{0} \\ 0 \end{array}$ </div> <p>Marc: ___ / 1</p> <p style="text-align: right; background-color: #ffe0b2; padding: 2px;">RH3</p>	<p>(10) $534 + 8,723 + 94$</p> <div style="text-align: right; color: green; font-family: monospace;"> $\begin{array}{r} 534 \\ + 8723 \\ + 94 \\ \hline 9351 \end{array}$ </div> <p>Marc: ___ / 1</p> <p style="text-align: right; background-color: #fff9c4; padding: 2px;">A2</p>	

Ymarfer 5

<p>(1)</p> $4 \times 7 = 28$ $3 \times 9 = 27$ $6 \times 6 = 36$ $5 \times 8 = 40$ $2 \times 3 = 6$ <p>Marc: ___ / 5</p>	<p>(2) $782 - 347$</p> $\begin{array}{r} 782 \\ - 347 \\ \hline 435 \end{array}$ <p>Marc: ___ / 1</p>	<p>(3) Beth yw 50% o £62?</p> $62 \div 2 = 31$ <p>Marc: ___ / 1</p>
LL1	<p>(5) $\frac{4}{24} \times 42$</p> $= \frac{2}{12} \times 42$ $= \frac{1}{6} \times 42$ $= 7$ <p>Marc: ___ / 2</p>	<p>(4) $758 \div 2$</p> $\begin{array}{r} 379 \\ 2 \overline{) 758} \end{array}$ <p>Marc: ___ / 1</p>
RH5	LL11	<p>(7) 2^5</p> $= 2 \times 2 \times 2 \times 2 \times 2$ $= 4 \times 2 \times 2 \times 2$ $= 8 \times 2 \times 2$ $= 16 \times 2$ $= 32$ <p>Marc: ___ / 1</p>
<p>(6) $5 \div 0.2$</p> $= 5 \times 5$ $= 25$ <p>Marc: ___ / 1</p>	<p>(8) 4 awr 20 munud + 3 awr 50 munud</p> <p>7 awr 70 munud = 8 awr 10 munud</p> <p>Marc: ___ / 1</p>	LL7
A4	<p>(9) Beth yw 43% o £140?</p> $10\% \quad \pounds 14$ $19\% \quad \pounds 1.40$ $40\% \quad \pounds 56$ $3\% \quad 1.40$ $\begin{array}{r} 1.40 \\ \times 3 \\ \hline 4.20 \end{array}$ $43\% \quad \pounds 60.20$ <p>Marc: ___ / 2</p>	<p>(11) 2.1×30</p> $= 2.1 \times 10 \times 3$ $= 21 \times 3$ $= 63$ <p>Marc: ___ / 1</p>
T7	C2	LL6

Ymarfer 6

<p>(1) $87 - 3 - 14$</p> <p>$= 70$</p> <p>Marc: ___ / 1 T1</p>	<p>(2) 813×4</p> $\begin{array}{r} 813 \\ \times 4 \\ \hline 3252 \end{array}$ <p>Marc: ___ / 1 LL2</p>	<p>(3) $97 + 2872 + 390$</p> $\begin{array}{r} 97 \\ + 2872 \\ + 390 \\ \hline 3359 \end{array}$ <p>Marc: ___ / 1 A2</p>
<p>(4) $2608 \div 5$</p> $\begin{array}{r} 052193 \\ 5 \overline{)2608} \end{array}$ <p>Marc: ___ / 1 RH3</p>	<p>(5) $4.3 + 72.84 + 9.7$</p> $\begin{array}{r} 4.3 \\ + 72.84 \\ + 9.7 \\ \hline 86.84 \end{array}$ <p>Marc: ___ / 1 A3</p>	<p>(6) 5^4</p> $\begin{aligned} &= 5 \times 5 \times 5 \times 5 \\ &= 25 \times 5 \times 5 \\ &= 125 \end{aligned}$ $\begin{array}{r} 125 \\ \times 5 \\ \hline 625 \end{array}$ <p>Marc: ___ / 2 LL7</p>
<p>(7) 5 awr 23 munud - 2 awr 47 munud</p> <p>3 awr 23 munud 3 awr [- 2 awr] 2 awr 36 munud [- 23 mun] 2 awr 36 munud [- 24 mun]</p> <p>Marc: ___ / 1 T4</p>	<p>(8) $\frac{11}{20} \times 10$</p> $\begin{aligned} &= \frac{10}{20} \times 11 \\ &= \frac{1}{2} \times 11 \\ &= 11 \div 2 \\ &= 5.5 \end{aligned}$ <p>Marc: ___ / 2 LL12</p>	<p>(10) $8 + -2$</p> $\begin{aligned} &= 8 - 2 \\ &= 6 \end{aligned}$ <p>Marc: ___ / 1 A7</p>
<p>(9) 5.7×2.6</p>  <p>14.82</p> <p>Marc: ___ / 2 LL5</p>		

Ymarfer 7

<p>(1)</p> <p>2 4 ÷ 4 = 6</p> <p>4 5 ÷ 9 = 5</p> <p>1 2 ÷ 3 = 4</p> <p>1 8 ÷ 2 = 9</p> <p>4 9 ÷ 7 = 7</p> <p>Marc: ___ / 5 RH1</p>	<p>(2) $\frac{2}{9} + \frac{4}{9}$</p> <p>= $\frac{6}{9}$</p> <p>= $\frac{2}{3}$</p> <p>Marc: ___ / 1 A5</p>	<p>(3) 43×5</p> <p>$43 \times 10 = 430$</p> <p>$430 \div 2 = 215$</p> <p>Marc: ___ / 1 LL3</p>
<p>(6) Beth yw 2.03% o £1,800?</p> <p>10% £180</p> <p>1% £18</p> <p>0.1% £1.80</p> <p>0.01% £0.18</p> <p>2% £36</p> <p>0.03% 0.18</p> <p style="margin-left: 20px;">x 3</p> <p style="border-top: 1px solid black; margin-left: 20px;">0.54</p> <p style="margin-left: 40px;">2</p> <p>2.03% £36.54</p> <p>Marc: ___ / 2 C3</p>	<p>(5) $8,000 \times 50,000$</p> <p>= 400,000,000</p> <p>Marc: ___ / 1 LL8</p>	<p>(4) $5.2 - 2.67$</p> <p>45.20</p> <p>$- 2.67$</p> <p style="border-top: 1px solid black; margin-left: 20px;">2.53</p> <p>Marc: ___ / 1 T3</p>
<p>(10) $8 - -1 = 8 + 1$</p> <p>= 9</p> <p>Marc: ___ / 1 T7</p>	<p>(7) $84,000,000,000 \div 20,000,000$</p> <p>84000000000</p> <p>20000000</p> <p>= 8400</p> <p style="margin-left: 20px;">2</p> <p>= 4200</p> <p>Marc: ___ / 1 RH7</p>	<p>(8) $34 \div 8$</p> <p>04.25</p> <p>$8 \overline{)34.00}$</p> <p>Marc: ___ / 1 RH4</p>
<p>(9) $\frac{2}{7} \times \frac{3}{4}$</p> <p>= $\frac{6}{28}$</p> <p>= $\frac{3}{14}$</p> <p>Marc: ___ / 2 LL9</p>		

Ymarfer 8

<p>(1) Beth yw 25% o £60?</p> $= 60 \div 4$ $= \pounds 15$	<p>(2) $\frac{1}{2} \times 15$</p> $= 15 \div 2$ $= 7.5$	<p>(3) 8^2</p> $= 8 \times 8$ $= 64$
<p>Marc: ___ / 1</p>	<p>Marc: ___ / 1</p>	<p>Marc: ___ / 1</p>
<p>Marc: ___ / 1</p>	<p>(4) $15 \div 0.5$</p> $= 15 \times 2$ $= 30$	<p>(5) $9 \div 0.6$</p> $= \frac{9}{0.6}$ $= \frac{90}{6}$ $= 15$
<p>Marc: ___ / 1</p>	<p>Marc: ___ / 1</p>	<p>Marc: ___ / 2</p>
<p>(6) $\frac{1}{7} + \frac{3}{5}$</p> $= \frac{5}{35} + \frac{21}{35}$ $= \frac{26}{35}$	<p>(7) 835×62</p> $\begin{array}{r} 835 \\ \times 62 \\ \hline 1670 \\ 5010 \\ \hline 51770 \end{array}$	<p>Marc: ___ / 2</p>
<p>Marc: ___ / 2</p>	<p>Marc: ___ / 2</p>	<p>Marc: ___ / 2</p>
<p>(8) $30 - 11.24$</p> $\begin{array}{r} 30.00 \\ - 11.24 \\ \hline 18.76 \end{array}$	<p>(9) $\frac{3}{50} \times 7$</p> $= \frac{6}{100} \times 7$ $= \frac{0.07}{100}$ $\times \frac{6}{100}$ $\hline 0.42$ 4	<p>Marc: ___ / 2</p>
<p>Marc: ___ / 1</p>	<p>Marc: ___ / 2</p>	<p>Marc: ___ / 2</p>
<p>(11) $95 + 17$</p> $= 112$	<p>(10) 4.8×20</p> $= 4.8 \times 10 \times 2$ $= 48 \times 2$ $= 96$	<p>Marc: ___ / 2</p>
<p>Marc: ___ / 1</p>	<p>Marc: ___ / 1</p>	<p>Marc: ___ / 2</p>

Ymarfer 9

<p>(1) 1 awr 10 munud - 33 munud</p> <p style="font-size: 1.2em; color: green;">33 - 10 = 23 37 munud</p> <p>Marc: ___ / 1 T4</p>	<p>(2) $\frac{7}{9} - \frac{2}{9}$</p> <p style="font-size: 1.2em; color: green;">= $\frac{5}{9}$</p> <p>Marc: ___ / 1 T5</p>	<p>(3) 204 - 7</p> <p style="font-size: 1.2em; color: green;">= 197</p> <p>Marc: ___ / 1 T1</p>
<p>(4) $\frac{2}{5} \div \frac{2}{9}$</p> <p style="font-size: 1.2em; color: green;">= $\frac{2}{5} \times \frac{9}{2}$ = $\frac{18}{10}$ = $\frac{9}{5}$ = $1\frac{4}{5}$</p> <p>Marc: ___ / 2 RH8</p>	<p>(5) 8.3 + 16 + 0.02</p> <p style="font-size: 1.2em; color: green;"> $\begin{array}{r} 8.3 \\ + 16 \\ + 0.02 \\ \hline 24.32 \end{array}$ </p> <p>Marc: ___ / 1 A3</p>	<p>(6) Beth yw 82% o \$180?</p> <p style="font-size: 1.2em; color: green;"> $\begin{array}{r} 10\% \quad \\$18 \\ 1\% \quad \\$1.80 \\ \hline 80\% \quad 18 \\ \times 8 \\ \hline 144 \\ \hline 1.80 \quad 2\% \\ \times 2 \\ \hline 3.60 \\ \hline 82\% \quad \\$147.60 \end{array}$ </p> <p>Marc: ___ / 2 C2</p>
<p>(8) 83.2 × 4.7</p> <p style="font-size: 1.2em; color: green;"> $\begin{array}{r} 83.2 \\ \times 4.7 \\ \hline 5824 \\ 33280 \\ \hline 391.04 \end{array}$ </p> <p>Marc: ___ / 2 LL5</p>	<p>(9) 7,209 × 8</p> <p style="font-size: 1.2em; color: green;"> $\begin{array}{r} 7209 \\ \times 8 \\ \hline 57672 \end{array}$ </p> <p>Marc: ___ / 1 LL2</p>	<p>(10) 3,801 ÷ 7</p> <p style="font-size: 1.2em; color: green;"> $\begin{array}{r} 0543 \\ 7 \overline{) 338021} \\ \underline{33} \\ 08 \\ \underline{07} \\ 10 \\ \underline{07} \\ 30 \\ \underline{28} \\ 21 \\ \underline{21} \\ 0 \end{array}$ </p> <p>Marc: ___ / 1 RH2</p>

Ymarfer 10

<p>(1)</p> <p>4 × 6 = 24</p> <p>7 × 4 = 28</p> <p>9 × 3 = 27</p> <p>5 × 8 = 40</p> <p>4 × 2 = 8</p> <p>Marc: ___ / 5 LL1</p>	<p>(2) $\frac{4}{5} \times 35$</p> <p>35 ÷ 5 = 7</p> <p>7 × 4 = 28</p> <p>Marc: ___ / 1 LL10</p> <p>(4) $\frac{7}{10} - \frac{2}{5}$</p> <p>= $\frac{7}{10} - \frac{4}{10}$</p> <p>= $\frac{3}{10}$</p> <p>Marc: ___ / 2 T6</p>	<p>(3) 8,923 - 2,478</p> <p style="text-align: center;"> $\begin{array}{r} 8^8 9^{11} 2^3 \\ - 2478 \\ \hline 6445 \end{array}$ </p> <p>Marc: ___ / 1 T2</p>
<p>(6) 16 + -7</p> <p>= 16 - 7</p> <p>= 9</p> <p>Marc: ___ / 1 A7</p>	<p>(5) 380 ÷ 9</p> <p style="text-align: center;"> $\begin{array}{r} 04292 \\ 9 \overline{) 3820} \\ \underline{38} \\ 0 \\ \underline{0} \\ 0 \\ \underline{0} \\ 0 \end{array}$ </p> <p>Marc: ___ / 1 RH3</p>	
<p>(7) 1,400,000 × 200,000,000</p> <p>= 280,000,000,000,000</p> <p>Marc: ___ / 1 LL8</p>	<p>(8) $\frac{15}{28} \times 14$</p> <p>= $\frac{14}{28} \times 15$</p> <p>= $\frac{1}{2} \times 15$</p> <p>= 7.5</p> <p>Marc: ___ / 2 LL12</p>	
<p>(9) $\frac{5}{6} \times \frac{2}{3}$</p> <p>= $\frac{10}{18}$</p> <p>= $\frac{5}{9}$</p> <p>Marc: ___ / 2 LL9</p>	<p>(10) $\frac{5}{14} + \frac{2}{14}$</p> <p>= $\frac{7}{14}$</p> <p>= $\frac{1}{2}$</p> <p>Marc: ___ / 2 A5</p>	<p>(11) 9 ÷ 0.1</p> <p>= 9 × 10</p> <p>= 90</p> <p>Marc: ___ / 1 RH5</p>

Ymarfer 12

<p>(1) $4 + 8 + 7 + 3 + 9 + 2$</p> <p style="font-size: 1.5em; color: green;">= 33</p> <p>Marc: ___ / 1 A1</p>	<p>(2) $\frac{6}{7} - \frac{1}{7}$</p> <p style="font-size: 1.5em; color: green;">= $\frac{5}{7}$</p> <p>Marc: ___ / 1 T5</p>	<p>(3) Beth yw 20% o 5?</p> <p style="font-size: 1.5em; color: green;">= $5 \div 5$</p> <p style="font-size: 1.5em; color: green;">= 1</p> <p>Marc: ___ / 1 C1</p>
<p>(4) $15 \div 2.5$</p> <p style="font-size: 1.5em; color: green;">= $\frac{15}{2.5}$</p> <p style="font-size: 1.5em; color: green;">= $\frac{150}{25}$</p> <p style="font-size: 1.5em; color: green;">= 6</p> <p>Marc: ___ / 1 RH6</p>	<p>(5) 6^3</p> <p style="font-size: 1.5em; color: green;">= $6 \times 6 \times 6$</p> <p style="font-size: 1.5em; color: green;">= 36</p> <p style="font-size: 1.5em; color: green;">x 6</p> <hr style="border: 1px solid green;"/> <p style="font-size: 1.5em; color: green;">216</p> <p style="font-size: 1.5em; color: green;">3</p>	<p>(6) 739×8</p> <p style="font-size: 1.5em; color: green;">739</p> <p style="font-size: 1.5em; color: green;">x 8</p> <hr style="border: 1px solid green;"/> <p style="font-size: 1.5em; color: green;">5912</p> <p style="font-size: 1.5em; color: green;">37</p> <p>Marc: ___ / 1 LL2</p>
<p>(7) $73.4 - 4.69$</p> <p style="font-size: 1.5em; color: green;"> 6 ¹² 7 ¹³ 3 ¹⁴ 4 ¹⁵ 0 - 4.69 <hr style="border: 1px solid green;"/> 68.71 </p> <p>Marc: ___ / 1 T3</p>	<p>(8) $\frac{5}{8} \times \frac{3}{5}$</p> <p style="font-size: 1.5em; color: green;">= $\frac{15}{40}$</p> <p style="font-size: 1.5em; color: green;">= $\frac{3}{8}$</p> <p>Marc: ___ / 2 LL9</p>	<p>(9) $91,792 \div 2$</p> <p style="font-size: 1.5em; color: green;">45896</p> <p style="font-size: 1.5em; color: green;">2) 91'17'9'2</p>
<p>(10) $2,347 + 430$</p> <p style="font-size: 1.5em; color: green;">2347</p> <p style="font-size: 1.5em; color: green;">+ 430</p> <hr style="border: 1px solid green;"/> <p style="font-size: 1.5em; color: green;">2777</p> <p>Marc: ___ / 1 A2</p>	<p>(11) $4 \div 0.5$</p> <p style="font-size: 1.5em; color: green;">= 4×2</p> <p style="font-size: 1.5em; color: green;">= 8</p> <p>Marc: ___ / 1 RH5</p>	<p>(12) 35 munud + 47 munud</p> <p style="font-size: 1.5em; color: green;">35</p> <p style="font-size: 1.5em; color: green;">+ 47</p> <hr style="border: 1px solid green;"/> <p style="font-size: 1.5em; color: green;">82</p> <p style="font-size: 1.5em; color: green;">1 awr 22 munud</p> <p>Marc: ___ / 1 A4</p>

Ymarfer 14

<p>(1) $73 - 5 - 3 - 10 - 6$</p> <p>$= 49$</p> <p>Marc: ___ / 1 T1</p>	<p>(2) 72×5</p> <p>$72 \times 100 = 7200$ $7200 \div 2 = 3600$</p> <p>Marc: ___ / 1 LL3</p>	<p>(3) 3 awr 30 munud - 1 awr 45 munud</p> <p>1 awr 45 munud</p> <p>Marc: ___ / 1 T4</p>
<p>(4) $66 \div 2.2$</p> <p>$= \frac{66}{2.2}$ $= \frac{660}{22}$ $= 30$</p> <p>Marc: ___ / 1 RH6</p>	<p>(5) $\frac{4}{5} \div \frac{10}{11}$</p> <p>$= \frac{4}{5} \times \frac{11}{10}$ $= \frac{44}{50}$ $= \frac{22}{25}$</p> <p>Marc: ___ / 2 RH8</p>	<p>(6) $\frac{3}{10} + \frac{5}{10}$</p> <p>$= \frac{8}{10}$ $= \frac{4}{5}$</p> <p>Marc: ___ / 2 A5</p>
<p>(7) $8,000 \times 40,000$</p> <p>$= 320,000,000$</p> <p>Marc: ___ / 1 LL8</p>	<p>(8) Beth yw 1.3% o £450?</p> <p>10% £45 1% £4.50 0.1% £0.45 0.3% £0.45 x 3 ----- 1.35 1 1 1.3% £5.85</p> <p>Marc: ___ / 2 C3</p>	
<p>(10) $\frac{3}{4} + \frac{5}{12}$</p> <p>$= \frac{9}{12} + \frac{5}{12}$ $= \frac{14}{12}$ $= \frac{7}{6} = 1\frac{1}{6}$</p> <p>Marc: ___ / 2 A6</p>	<p>(9) 23.5×47</p> <p style="text-align: center;"> $\begin{array}{r} 23.5 \\ \times 47 \\ \hline 1645 \\ 9400 \\ \hline 1104.5 \end{array}$ </p> <p>Marc: ___ / 2 LL5</p>	

Ymarfer 15

<p>(1)</p> <p>3 6 ÷ 6 = 6</p> <p>2 4 ÷ 3 = 8</p> <p>1 6 ÷ 2 = 8</p> <p>4 2 ÷ 7 = 6</p> <p>7 2 ÷ 8 = 9</p> <p>Marc: ___ / 5</p>	<p>(2) 8,000 ÷ 400</p> <p>= $\frac{8000}{400}$</p> <p>= 20</p> <p>Marc: ___ / 1</p> <p>(5) 23 + -7</p> <p>= 23 - 7</p> <p>= 16</p> <p>Marc: ___ / 1</p>	<p>(3) $\frac{4}{7} - \frac{1}{7}$</p> <p>= $\frac{3}{7}$</p> <p>Marc: ___ / 1</p> <p>(4) $\frac{5}{7} \times \text{£}42$</p> <p>$42 \div 7 = 6$</p> <p>$6 \times 5 = \text{£}30$</p> <p>Marc: ___ / 1</p> <p>(7) 23 - -7</p> <p>= 23 + 7</p> <p>= 30</p> <p>Marc: ___ / 1</p> <p>(9) 83 + 9,402 + 456</p> <p style="text-align: right;"> $\begin{array}{r} 83 \\ + 9402 \\ + 456 \\ \hline 9941 \\ \hline 11 \end{array}$ </p> <p>Marc: ___ / 1</p>
<p>(6) $\frac{16}{25} \times 50$</p> <p>= $\frac{50}{25} \times 16$</p> <p>= 2 × 16</p> <p>= 32</p> <p>Marc: ___ / 2</p>	<p>(8) $\frac{16}{32} \times 50$</p> <p>= $\frac{8}{16} \times 50$</p> <p>= $\frac{4}{2} \times 50$</p> <p>= 8 × 25</p> <p>Marc: ___ / 2</p>	<p>(10) 2⁶</p> <p>= 2 × 2 × 2 × 2 × 2 × 2</p> <p>= 4 × 2 × 2 × 2 × 2</p> <p>= 8 × 2 × 2 × 2</p> <p>= 16 × 2 × 2</p> <p>= 32 × 2</p> <p>= 64</p> <p>Marc: ___ / 1</p>
<p>Marc: ___ / 1</p>	<p>(11) 336 ÷ 7</p> <p style="text-align: center;"> $\begin{array}{r} 048 \\ 7 \overline{) 336} \\ \underline{21} \\ 12 \\ \underline{14} \\ 0 \end{array}$ </p> <p>Marc: ___ / 1</p>	<p>(12) Beth yw 50% o £25?</p> <p>= 25 ÷ 2</p> <p>= £12.50</p> <p>Marc: ___ / 1</p>

Ymarfer 16

<p>(1)</p> $\begin{array}{r} 6 \times 2 = 12 \\ 3 \times 3 = 9 \\ 4 \times 8 = 32 \\ 9 \times 4 = 36 \\ 7 \times 1 = 7 \end{array}$ <p>Marc: ___ / 5 LL1</p>	<p>(2) $927 - 263$</p> $\begin{array}{r} 8 \cancel{9} 27 \\ - 263 \\ \hline 664 \end{array}$ <p>Marc: ___ / 1 T2</p>	<p>(3) 6319×8</p> $\begin{array}{r} 6319 \\ \times 8 \\ \hline 50552 \\ \hline 217 \end{array}$ <p>Marc: ___ / 1 LL2</p>
<p>(4) $1,800,000,000 \div 90,000,000$</p> $\begin{array}{r} 1800000000 \\ \div 90000000 \\ \hline 20 \end{array}$ <p>Marc: ___ / 1 RH7</p>		
<p>(5) Beth yw 62% o £128?</p> <p>10% £12.80 1% £1.28 60% 12.80</p> $\begin{array}{r} 12.80 \\ \times 6 \\ \hline 76.80 \end{array}$ <p>2% 1.28</p> $\begin{array}{r} 1.28 \\ \times 2 \\ \hline 2.56 \end{array}$ <p>62% 76.80</p> $\begin{array}{r} 76.80 \\ + 2.56 \\ \hline 79.36 \end{array}$ <p>Marc: ___ / 2 C2</p>	<p>(6) $\frac{7}{25} \times 900$</p> $\begin{array}{r} 28 \times 900 \\ \hline 100 \\ \hline 28 \\ \times 9 \\ \hline 252 \\ \hline 7 \end{array}$ <p>Marc: ___ / 2 LL13</p> <p>(9) 10^2</p> $= 100$ <p>Marc: ___ / 1 LL7</p>	<p>(7) 5 awr 20 munud - 3 awr 42 munud</p> <p>2 awr 20 munud [-3 awr] 2 awr [-20 mun] 1 awr 38 munud [-22 mun]</p> <p>Marc: ___ / 1 T4</p> <p>(8) $3 \div 0.25$</p> $\begin{array}{r} = 3 \times 4 \\ = 12 \end{array}$ <p>Marc: ___ / 1 RH5</p>

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<p>(1) $2 + 7 + 14 + 4 + 10$</p> <p>$= 37$</p> <p>Marc: ___ / 1 A1</p>	<p>(2) 52×5</p> <p>$52 \times 10 = 520$ $520 \div 2 = 260$</p> <p>Marc: ___ / 1 LL3</p>	<p>(3) $\frac{12}{13} - \frac{7}{13}$</p> <p>$= \frac{5}{13}$</p> <p>Marc: ___ / 1 T5</p>
<p>(4) 9.2×40</p> <p>$= 9.2 \times 10 \times 4$</p> <p>$= 92$</p> <p>$\begin{array}{r} 92 \\ \times 4 \\ \hline 368 \end{array}$</p> <p>Marc: ___ / 1 LL6</p>	<p>(5) $255 \div 6$</p> <p>042.5 $6 \overline{) 255.0}$</p> <p>Marc: ___ / 1 RH4</p>	<p>(6) $\frac{4}{3} \times \frac{2}{9}$</p> <p>$= \frac{8}{27}$</p> <p>Marc: ___ / 1 LL9</p>
<p>(8) $70,000 \times 300,000$</p> <p>$= 21,000,000,000$</p> <p>Marc: ___ / 1 LL8</p>	<p>(9) 4.7×285.7</p> <p>4.7 $\begin{array}{r} 10814 \\ 3158 \\ 3268 \\ 4235 \\ 2849 \\ \hline 134279 \end{array}$</p> <p>Marc: ___ / 2 LL5</p>	<p>(7) $82.4 + 0.32 + 9.298$</p> <p>82.4 $+ 0.32$ $+ 9.298$ <hr/>92.018</p> <p>Marc: ___ / 1 A3</p>
<p>(10) $\frac{5}{6} + \frac{2}{3}$</p> <p>$= \frac{5}{6} + \frac{4}{6}$</p> <p>$= \frac{9}{6}$</p> <p>$= \frac{3}{2}$</p> <p>$= 1\frac{1}{2}$</p> <p>Marc: ___ / 2 A6</p>	<p>(12) $18 + -5$</p> <p>$= 18 - 5$</p> <p>$= 13$</p> <p>Marc: ___ / 1 A7</p>	<p>(11) $32.1 - 4.65$</p> <p>32.10 $- 4.65$ <hr/>27.45</p> <p>Marc: ___ / 1 T3</p>

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<p>(1)</p> <p>4 2 ÷ 7 = 6</p> <p>8 1 ÷ 9 = 9</p> <p>2 0 ÷ 4 = 5</p> <p>1 4 ÷ 1 = 14</p> <p>3 6 ÷ 3 = 12</p> <p>Marc: ___ / 5 RH1</p>	<p>(2) 43 munud ar ôl 2:40 pm</p> <p style="text-align: center; font-size: 1.5em;">3:23 pm</p> <p>Marc: ___ / 1 A4</p>	<p>(3) 1300 ÷ 4</p> <div style="text-align: center; font-size: 1.5em;"> $\begin{array}{r} 0325 \\ 4 \overline{)1300} \\ \underline{4} \\ 13 \\ \underline{12} \\ 10 \\ \underline{8} \\ 20 \\ \underline{20} \\ 0 \end{array}$ </div>																				
<p>(6) Beth yw 27.52% o £900?</p> <p>10% £90</p> <p>1% £9</p> <p>0.1% £0.90</p> <p>0.01% £0.09</p> <p>20% £180</p> <p>7% £63</p> <p>0.5% £4.50</p> <p>0.02% £0.18</p> <div style="margin-top: 10px;"> <table style="border-collapse: collapse; margin-left: 20px;"> <tr> <td style="padding: 0 10px;">1</td> <td style="padding: 0 10px;">8</td> <td style="padding: 0 10px;">0</td> <td style="padding: 0 10px;">27.52%</td> </tr> <tr> <td style="padding: 0 10px;">+</td> <td style="padding: 0 10px;">6</td> <td style="padding: 0 10px;">3</td> <td></td> </tr> <tr> <td style="padding: 0 10px;">+</td> <td style="padding: 0 10px;">4</td> <td style="padding: 0 10px;">5</td> <td style="padding: 0 10px;">0</td> </tr> <tr> <td style="padding: 0 10px;">+</td> <td style="padding: 0 10px;">0</td> <td style="padding: 0 10px;">1</td> <td style="padding: 0 10px;">8</td> </tr> <tr> <td style="padding: 0 10px;">£</td> <td style="padding: 0 10px;">2</td> <td style="padding: 0 10px;">4</td> <td style="padding: 0 10px;">7.68</td> </tr> </table> </div> <p>Marc: ___ / 2 RH8</p>	1	8	0	27.52%	+	6	3		+	4	5	0	+	0	1	8	£	2	4	7.68	<p>(4) 83 × 26</p> <div style="text-align: center; font-size: 1.5em;"> $\begin{array}{r} 83 \\ \times 26 \\ \hline 498 \\ 1660 \\ \hline 2158 \end{array}$ </div> <p>Marc: ___ / 2 LL4</p>	<p>(5) $\frac{34}{68} \times 12$</p> <p style="font-size: 1.5em;">= $\frac{17}{34} \times 12$</p> <p style="font-size: 1.5em;">= $\frac{1}{2} \times 12$</p> <p style="font-size: 1.5em;">= 6</p> <p>Marc: ___ / 2 LL11</p>
1	8	0	27.52%																			
+	6	3																				
+	4	5	0																			
+	0	1	8																			
£	2	4	7.68																			
<p>(9) 7 -- 3 -- 9</p> <p style="font-size: 1.5em;">= 7 + 3 + 9</p> <p style="font-size: 1.5em;">= 19</p> <p>Marc: ___ / 1 T7</p>	<p>(8) $\frac{11}{20} \times 2$</p> <p style="font-size: 1.5em;">= $\frac{2}{20} \times 11$</p> <p style="font-size: 1.5em;">= $\frac{1}{10} \times 11$</p> <p style="font-size: 1.5em;">= 1.1</p> <p>Marc: ___ / 2 LL12</p>	<p>(10) 85 ÷ 100</p> <p style="font-size: 1.5em;">= 0.85</p> <p>Marc: ___ / 1 RH1</p>																				

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<p>(1) $82 - 4 - 3 - 1$</p> <p>$= 74$</p> <p>Marc: ___ / 1 T1</p>	<p>(2) $\frac{4}{15} + \frac{1}{15}$</p> <p>$= \frac{5}{15}$</p> <p>$= \frac{1}{3}$</p> <p>Marc: ___ / 2 A6</p>	<p>(3) 54×9</p> <p style="text-align: right;">$\begin{array}{r} 54 \\ \times 9 \\ \hline 486 \end{array}$</p> <p>Marc: ___ / 1 LL2</p>
<p>(4) $7.5 \div 2.5$</p> <p>$= \frac{75}{25}$</p> <p>$= 3$</p> <p>Marc: ___ / 1 RH6</p>	<p>(5) $\frac{9}{10} - \frac{1}{2}$</p> <p>$= \frac{9}{10} - \frac{5}{10}$</p> <p>$= \frac{4}{10}$</p> <p>$= \frac{2}{5}$</p> <p>Marc: ___ / 2 T6</p>	<p>(6) $34289 + 87943$</p> <p style="text-align: right;">$\begin{array}{r} 34289 \\ + 87943 \\ \hline 122232 \\ \hline 1111 \end{array}$</p> <p>Marc: ___ / 1 A2</p>
<p>(7) Beth yw 10% o €9.80?</p> <p>$\frac{€9.80}{10}$</p> <p>$= €0.98$</p> <p>Marc: ___ / 1 C1</p>	<p>(8) $12,849 \div 3$</p> <p style="text-align: right;">$\begin{array}{r} 04283 \\ 3 \overline{) 12849} \end{array}$</p> <p>Marc: ___ / 1 RH2</p>	<p>(9) $\frac{5}{8} \times £48$</p> <p>$48 \div 8 = 6$</p> <p>$6 \times 5 = £30$</p> <p>Marc: ___ / 1 LL10</p>
<p>(12) 1^3</p> <p>$= 1 \times 1 \times 1$</p> <p>$= 1$</p> <p>$= 1$</p> <p>Marc: ___ / 1 LL7</p>	<p>(10) 230×5</p> <p>$230 \times 10 = 2300$</p> <p>$2300 \div 2 = 1150$</p> <p>Marc: ___ / 1 LL3</p>	<p>(11) $\frac{1}{8} \div \frac{1}{7}$</p> <p>$= \frac{1}{8} \times \frac{7}{1}$</p> <p>$= \frac{7}{8}$</p> <p>Marc: ___ / 2 RH8</p>
<p>(13) $10 + -12$</p> <p>$= 10 - 12$</p> <p>$= -2$</p> <p>Marc: ___ / 1 A7</p>		

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<p>(1)</p> <p>2 × 3 = 6</p> <p>4 × 6 = 24</p> <p>8 × 5 = 40</p> <p>3 × 9 = 27</p> <p>6 × 7 = 42</p> <p>10 × 5 = 50</p> <p>5 × 0 = 0</p> <p>8 × 1 = 8</p> <p>7 × 8 = 56</p> <p>12 × 9 = 108</p> <p>Marc: ___ / 10 LL1</p>	<p>(2) 723 - 258</p> $\begin{array}{r} 723 \\ - 258 \\ \hline 465 \end{array}$ <p>Marc: ___ / 1 T2</p> <p>(5) Beth yw 93% o £2,750?</p> <p>10% £275</p> <p>1% £27.50</p> <p>90% 275</p> $\begin{array}{r} 275 \\ \times 9 \\ \hline 2475 \end{array}$ <p>64</p> <p>3% 27.50</p> $\begin{array}{r} 27.50 \\ \times 3 \\ \hline 82.50 \\ 21 \end{array}$ <p>93%</p> <p>2475</p> <p>+ 82.50</p> $\begin{array}{r} 2475 \\ + 82.50 \\ \hline 2557.50 \end{array}$ <p>Marc: ___ / 2 C2</p>	<p>(3) 423 ÷ 5</p> $5 \overline{) 423} \begin{array}{l} 84 \\ \underline{40} \\ 23 \\ \underline{20} \\ 3 \end{array}$ <p>Marc: ___ / 1 RH3</p> <p>(4) $\frac{3}{20} + \frac{11}{20}$</p> $= \frac{14}{20}$ $= \frac{7}{10}$ <p>Marc: ___ / 2 A5</p> <p>(6) 802 × 53</p> $\begin{array}{r} 802 \\ \times 53 \\ \hline 2406 \\ 40100 \\ \hline 42506 \end{array}$ <p>Marc: ___ / 2 LL4</p>
<p>(7) 32.7 + 28.4 + 52.9</p> $\begin{array}{r} 32.7 \\ + 28.4 \\ + 52.9 \\ \hline 114.0 \\ 12 \end{array}$ <p>Marc: ___ / 1 A3</p>	<p>2475</p> <p>+ 82.50</p> $\begin{array}{r} 2475 \\ + 82.50 \\ \hline 2557.50 \end{array}$ <p>Marc: ___ / 2 C2</p>	<p>(8) -5 - -8</p> $= -5 + 8$ $= 3$ <p>Marc: ___ / 1 T7</p>
<p>(9) 6.23 × 10</p> $= 62.3$ <p>Marc: ___ / 1 LL1</p>	<p>Marc: ___ / 2 C2</p>	<p>Marc: ___ / 1 T7</p>

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<p>(1)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">1</td> <td style="width: 10%;">2</td> <td style="width: 10%;">÷</td> <td style="width: 10%;">3</td> <td style="width: 10%;">=</td> <td style="width: 10%; text-align: center;">4</td> </tr> <tr> <td></td> <td>8</td> <td>÷</td> <td>2</td> <td>=</td> <td style="text-align: center;">4</td> </tr> <tr> <td>3</td> <td>9</td> <td>÷</td> <td>3</td> <td>=</td> <td style="text-align: center;">13</td> </tr> <tr> <td>1</td> <td>6</td> <td>÷</td> <td>4</td> <td>=</td> <td style="text-align: center;">4</td> </tr> <tr> <td>5</td> <td>6</td> <td>÷</td> <td>8</td> <td>=</td> <td style="text-align: center;">7</td> </tr> </table> <p>Marc: ___ / 5 RH1</p>	1	2	÷	3	=	4		8	÷	2	=	4	3	9	÷	3	=	13	1	6	÷	4	=	4	5	6	÷	8	=	7	<p>(2) 400×30</p> <p style="font-size: 2em; text-align: center;">12000</p> <p>Marc: ___ / 1 LL8</p>	<p>(3) 1 awr 10 munud - 36 munud</p> <p style="font-size: 2em; text-align: center;">36 - 10 = 26</p> <p style="font-size: 2em; text-align: center;">34 munud</p> <p>Marc: ___ / 1 T4</p>
1	2	÷	3	=	4																											
	8	÷	2	=	4																											
3	9	÷	3	=	13																											
1	6	÷	4	=	4																											
5	6	÷	8	=	7																											
<p>(6) Beth yw 2.45% o £300?</p> <p style="font-size: 1.5em;"> 10% £30 19% £3 0.1% £0.30 0.01% £0.03 </p> <p style="font-size: 1.5em;"> 2% £6 0.4% £1.20 0.05% £0.15 </p> <p style="font-size: 1.5em;"> 2.45% £7.35 </p> <p>Marc: ___ / 2 C3</p>	<p>(4) $\frac{5}{25} \times 120$</p> <p style="font-size: 2em; text-align: center;">$= \frac{1}{5} \times 120$</p> <p style="font-size: 2em; text-align: center;">5</p> <p style="font-size: 2em; text-align: center;"> $\begin{array}{r} 024 \\ 5 \overline{) 120} \end{array}$ </p> <p style="font-size: 2em; text-align: center;">= 24</p> <p>Marc: ___ / 2 LL11</p>	<p>(5) $\frac{7}{8} - \frac{1}{8}$</p> <p style="font-size: 2em; text-align: center;">$= \frac{6}{8}$</p> <p style="font-size: 2em; text-align: center;">$= \frac{3}{4}$</p> <p>Marc: ___ / 2 T5</p>																														
<p>(8) $\frac{47}{50} \times 200$</p> <p style="font-size: 2em; text-align: center;">$= \frac{94}{100} \times 200$</p> <p style="font-size: 2em; text-align: center;">$= 94 \times 2$</p> <p style="font-size: 2em; text-align: center;">$= 188$</p> <p>Marc: ___ / 2 LL13</p>	<p>(7) $\frac{7}{8} - \frac{1}{4}$</p> <p style="font-size: 2em; text-align: center;">$= \frac{7}{8} - \frac{2}{8}$</p> <p style="font-size: 2em; text-align: center;">$= \frac{5}{8}$</p> <p>Marc: ___ / 2 T6</p>	<p>(9) $827 + 9271$</p> <p style="font-size: 2em; text-align: center;"> $\begin{array}{r} 827 \\ + 9271 \\ \hline 10098 \end{array}$ </p> <p>Marc: ___ / 1 A2</p>																														
<p>(10) $\frac{4}{9} \times £72$</p> <p style="font-size: 2em; text-align: center;">$72 \div 9 = 8$</p> <p style="font-size: 2em; text-align: center;">$8 \times 4 = £32$</p> <p>Marc: ___ / 1 LL10</p>																																

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<p>(1) $45 - 12 - 3 - 6$</p> <p>$= 24$</p> <p>Marc: ___ / 1 T1</p>	<p>(2) 279×7</p> <p style="text-align: center;"> $\begin{array}{r} 279 \\ \times 7 \\ \hline 1953 \\ \hline 56 \end{array}$ </p> <p>Marc: ___ / 1 LL2</p>	<p>(3) $72590 - 6284$</p> <p style="text-align: center;"> $\begin{array}{r} 72590 \\ - 6284 \\ \hline 66306 \end{array}$ </p> <p>Marc: ___ / 1 T2</p>
<p>(4) Beth yw 30% o £40?</p> <p style="text-align: center;"> $\begin{array}{r} 100\% \quad \pounds 40 \\ 30\% \quad \pounds 12 \end{array}$ </p> <p>Marc: ___ / 1 C1</p>	<p>(5) $\frac{4}{5} \times \frac{8}{9}$</p> <p style="text-align: center;"> $= \frac{32}{45}$ </p> <p>Marc: ___ / 1 LL9</p>	<p>(6) $45 \div 1.5$</p> <p style="text-align: center;"> $= \frac{45}{1.5}$ $= \frac{450}{15}$ $= 30$ </p> <p>Marc: ___ / 2 RH6</p>
<p>(7) $\frac{7}{8} \times 4$</p> <p style="text-align: center;"> $= \frac{4}{8} \times 7$ $= \frac{1}{2} \times 7$ $= 3.5$ </p> <p>Marc: ___ / 2 LL12</p>	<p>(8) 4293×5417</p> <p style="text-align: center;"> $\begin{array}{r} 4293 \\ \times 5417 \\ \hline 29851 \\ 242010 \\ 1715580 \\ 21438000 \\ \hline 23255181 \end{array}$ </p> <p>Marc: ___ / 2 LL4</p>	<p>(9) $\frac{11}{12} - \frac{5}{6}$</p> <p style="text-align: center;"> $= \frac{11}{12} - \frac{10}{12}$ $= \frac{1}{12}$ </p> <p>Marc: ___ / 2 T6</p>
<p>(10) 4^4</p> <p style="text-align: center;"> $= 4 \times 4 \times 4 \times 4$ $= 16 \times 16$ </p> <p style="text-align: center;"> $\begin{array}{r} 16 \\ \times 16 \\ \hline 96 \\ 100 \\ \hline 256 \end{array}$ </p> <p>Marc: ___ / 2 LL7</p>	<p>(11) $458 \div 2$</p> <p style="text-align: center;"> $2 \overline{) 458} = 229$ </p> <p>Marc: ___ / 1 RH2</p>	<p>(12) $-1 - -1$</p> <p style="text-align: center;"> $= -1 + 1$ $= 0$ </p> <p>Marc: ___ / 1 T7</p>

Ymarfer 24

<p>(1) $32 + 7 + 8 + 9$</p> <p>$= 56$</p> <p>Marc: ___ / 1 A1</p>	<p>(2) $3.2 - 1.28$</p> <p style="text-align: center;">$\begin{array}{r} 3.20 \\ - 1.28 \\ \hline 1.92 \end{array}$</p> <p>Marc: ___ / 1 T3</p>	<p>(3) $\frac{1}{7} + \frac{2}{7} + \frac{3}{7}$</p> <p>$= \frac{6}{7}$</p> <p>Marc: ___ / 1 A5</p>
<p>(4) $85 \div 3$</p> <p style="text-align: center;">$\begin{array}{r} 2891 \\ 3 \overline{) 8525} \end{array}$</p> <p>Marc: ___ / 1 RH3</p>	<p>(5) Beth yw 36% o \$75?</p> <p>10% \$7.50 1% \$0.75</p> <p>30% 7.50 x 3 <u>22.50</u></p> <p>6% 0.75 x 6 <u>4.50</u> 43</p> <p>36% 22.50 + 4.50 <u>\$27.00</u></p>	
<p>(7) $\frac{3}{2} + \frac{4}{3}$</p> <p>$= \frac{9}{6} + \frac{8}{6}$</p> <p>$= \frac{17}{6}$</p> <p>$= 2 \frac{5}{6}$</p> <p>Marc: ___ / 2 A6</p>	<p>(6) 8×70</p> <p>$= 8 \times 7 \times 10$ $= 56 \times 10$ $= 560$</p> <p>Marc: ___ / 1 LL6</p>	<p>(8) 703×821</p> <p style="text-align: center;">$\begin{array}{r} 703 \\ 5 \begin{array}{r} 36028 \\ 14062 \\ 70703 \\ \hline 577163 \end{array} \end{array}$</p> <p>Marc: ___ / 2 LL4</p>
<p>(9) $\frac{2}{3} \div \frac{7}{8}$</p> <p>$= \frac{2}{3} \times \frac{8}{7}$</p> <p>$= \frac{16}{21}$</p> <p>Marc: ___ / 2 RH8</p>	<p>(10) $9 + -2$</p> <p>$= 9 - 2$ $= 7$</p> <p>Marc: ___ / 1 A7</p>	<p>(11) $5 \div 0.2$</p> <p>$= 5 \times 5$ $= 25$</p> <p>Marc: ___ / 1 RH5</p>

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<p>(1)</p> <p>1 5 ÷ 5 = 3</p> <p>2 7 ÷ 9 = 3</p> <p>2 4 ÷ 8 = 3</p> <p>2 1 ÷ 7 = 3</p> <p>1 8 ÷ 6 = 3</p> <p>Marc: ___ / 5 RH1</p>	<p>(2) 48 + 2396 + 481</p> $\begin{array}{r} 48 \\ + 2396 \\ + 481 \\ \hline 2925 \\ \hline 21 \end{array}$ <p>Marc: ___ / 1 A2</p>	<p>(3) $\frac{3}{11} + \frac{5}{11}$</p> $= \frac{8}{11}$ <p>Marc: ___ / 1 A5</p>
<p>(5) 842 × 63</p> $\begin{array}{r} 842 \\ \times 63 \\ \hline 2526 \\ 5052 \\ \hline 53046 \end{array}$ <p>Marc: ___ / 2 LL4</p>	<p>(6) 6293 - 837</p> $\begin{array}{r} 6293 \\ - 837 \\ \hline 5456 \end{array}$ <p>Marc: ___ / 1 T2</p>	<p>(4) 3 ÷ 16</p> $16 \overline{) 3.0000} = 0.1875$ <p>Marc: ___ / 1 RH4</p>
<p>(9) $\frac{7}{12} - \frac{1}{3}$</p> $= \frac{7}{12} - \frac{4}{12}$ $= \frac{3}{12}$ $= \frac{1}{4}$ <p>Marc: ___ / 1 T6</p>	<p>(8) $\frac{32}{80} \times \\$15$</p> $= \frac{16}{40} \times \$15$ $= \frac{4}{10} \times \$15$ $= \frac{2}{5} \times \$15$ $= 3$ $3 \times 2 = \$6$ <p>Marc: ___ / 2 LL11</p>	<p>(7) Beth yw 75% o £60?</p> <p>25% 60 ÷ 4 = 15</p> <p>75% 15 × 3 = £45</p> <p>Marc: ___ / 1 C1</p>
<p>(10)</p> <p>9 × 7 = 63</p> <p>6 × 8 = 48</p> <p>11 × 5 = 55</p> <p>8 × 9 = 72</p> <p>4 × 12 = 48</p> <p>5 × 13 = 65</p> <p>7 × 8 = 56</p> <p>Marc: ___ / 7 LL1</p>		



Ymarfer 1 (1) 75 (2) 2,128 (3) £6.50 (4) 238 (5) 15 (6) 12 (7) £67.16 (8) 80
(9) 4 awr 15 munud (10) 468 (11) 7

Ymarfer 2 (1) 46 (2) 20, 54, 35, 64, 36 (3) 9,144 (4) 216 (5) 11 (6) $\frac{5}{14}$ (7) £0.27 (8) 6
(9) 426 (10) $\frac{1}{2}$ (11) 0.125 (12) 430

Ymarfer 3 (1) 3, 7, 8, 12, 9 (2) \$6.40 (3) 13,867 (4) 50 munud (5) 2 (6) 77.343 (7) 6
(8) 4.2 (9) $1\frac{19}{40}$ (10) $\frac{21}{40}$

Ymarfer 4 (1) 1,200 (2) 72 (3) 392 (4) 31.85 (5) 38.702 (6) 3.5 (7) $\frac{11}{72}$ (8) $\frac{1}{3}$
(9) 2,664 (10) 9,351 (11) 462 gweddill 1

Ymarfer 5 (1) 28, 27, 36, 40, 6 (2) 435 (3) £31 (4) 379 (5) 7 (6) 25 (7) 32
(8) 8 awr 10 munud (9) £60.20 (10) 15 (11) 63

Ymarfer 6 (1) 70 (2) 3,252 (3) 3,359 (4) 521 gweddill 3 (5) 86.84 (6) 625
(7) 2 awr 36 munud (8) 5.5 (9) 14.82 (10) 6

Ymarfer 7 (1) 6, 5, 4, 9, 7 (2) $\frac{2}{3}$ (3) 215 (4) 2.53 (5) 400,000,000 (6) £36.54 (7) 4,200
(8) 4.25 (9) $\frac{3}{14}$ (10) 9

Ymarfer 8 (1) £15 (2) 7.5 (3) 64 (4) 30 (5) 15 (6) $\frac{26}{35}$ (7) 51,770 (8) 18.76 (9) 0.42 (10) 96
(11) 112

Ymarfer 9 (1) 37 munud (2) $\frac{5}{9}$ (3) 197 (4) $1\frac{4}{5}$ (5) 24.32 (6) \$147.60 (7) 1,020 (8) 391.04
(9) 57,672 (10) 543

Ymarfer 10 (1) 24, 28, 27, 40, 8 (2) 28 (3) 6,445 (4) $\frac{3}{10}$ (5) 42 gweddill 2 (6) 9
(7) 280,000,000,000,000 (8) 7.5 (9) $\frac{5}{9}$ (10) $\frac{1}{2}$ (11) 90

Ymarfer 11 (1) 6, 8, 3, 10, 7 (2) 11 awr 5 munud (3) 23 (4) 5 (5) £1 (6) 2.875 (7) $1\frac{1}{3}$ (8) $1\frac{2}{7}$
(9) 48

Ymarfer 12 (1) 33 (2) $\frac{5}{7}$ (3) 1 (4) 6 (5) 216 (6) 5,912 (7) 68.71 (8) $\frac{3}{8}$ (9) 45,896 (10) 2,777
(11) 8 (12) 1 awr 22 munud

Ymarfer 13 (1) 27, 0, 30, 42, 35 (2) 20.6 (3) 6,366 (4) $\frac{2}{5}$ (5) 17 gweddill 1 (6) 17.2 (7) 750
(8) 138.7 (9) 2,222,106 (10) £18

Ymarfer 14 (1) 49 (2) 360 (3) 1 awr 45 munud (4) 30 (5) $\frac{22}{25}$ (6) $\frac{4}{5}$ (7) 320,000,000
(8) £5.85 (9) 1,104.5 (10) $1\frac{1}{6}$

Ymarfer 15 (1) 6, 8, 8, 6, 9 (2) 20 (3) $\frac{3}{7}$ (4) £30 (5) 16 (6) 32 (7) 30 (8) 25 (9) 9,941
(10) 64 (11) 48 (12) £12.50

Ymarfer 16 (1) 12, 9, 32, 36, 7 (2) 664 (3) 50,552 (4) 20 (5) £79.36 (6) 252
(7) 1 awr 38 munud (8) 12 (9) 100

Ymarfer 17 (1) 37 (2) 260 (3) $\frac{5}{13}$ (4) 368 (5) 42.5 (6) $\frac{8}{27}$ (7) 92.018 (8) 21,000,000,000
(9) 1,342.79 (10) $1\frac{1}{2}$ (11) 27.45 (12) 13

Ymarfer 18 (1) 6, 9, 5, 14, 12 (2) 3:23 pm (3) 325 (4) 2,158 (5) 6 (6) £247.68 (7) $\frac{5}{14}$ (8) 1.1
(9) 19 (10) 0.85

Ymarfer 19 (1) 74 (2) $\frac{1}{3}$ (3) 486 (4) 3 (5) $\frac{2}{5}$ (6) 122,232 (7) €0.98 (8) 4,283 (9) £30
(10) 1,150 (11) $\frac{7}{8}$ (12) 1 (13) -2

Ymarfer 20 (1) 6, 24, 40, 27, 42, 50, 0, 8, 56, 108 (2) 465 (3) 84 gweddill 3 (4) $\frac{7}{10}$
(5) £2,557.50 (6) 42,506 (7) 114 (8) 3 (9) 62.3

Ymarfer 21 (1) 140 (2) 14 (3) 420 (4) 1 (5) $\frac{5}{36}$ (6) $\frac{1}{5}$ (7) 14,400 (8) 14.9
(9) 12 munud 14 eiliad (10) 37.96 (11) 2.125 (12) 3.6

Ymarfer 22 (1) 4, 4, 13, 4, 7 (2) 12,000 (3) 34 munud (4) 24 (5) $\frac{3}{4}$ (6) £7.35 (7) $\frac{3}{8}$ (8) 188
(9) 10,098 (10) £32

Ymarfer 23 (1) 24 (2) 1,953 (3) 66,306 (4) £12 (5) $\frac{32}{45}$ (6) 30 (7) 3.5 (8) 23,255,181 (9) $\frac{1}{12}$
(10) 256 (11) 229 (12) 0

Ymarfer 24 (1) 56 (2) 1.92 (3) $\frac{6}{7}$ (4) 28 gweddill 1 (5) \$27 (6) 560 (7) $2\frac{5}{6}$ (8) 577,163
(9) $\frac{16}{21}$ (10) 7 (11) 25

Ymarfer 25 (1) 3, 3, 3, 3, 3 (2) 2,925 (3) $\frac{8}{11}$ (4) 0.1875 (5) 53,046 (6) 5,456 (7) £45 (8) \$6
(9) $\frac{1}{4}$ (10) 63, 48, 55, 72, 48, 65, 56