

Taflen Waith  
Rheolau Indecsau

Ysgrifennwch yr atebion i gwestiynau 1–6 yn y ffurf indecs.

1.

- i.  $2^5 \times 2^7$
- ii.  $3^6 \times 3^{11}$
- iii.  $4^2 \times 4^8$
- iv.  $4^5 \times 5^4$
- v.  $5^0$
- vi.  $2^8 \div 2^4$
- vii.  $48^9 \div 48^3$
- viii.  $32487^0$
- ix.  $23^{78} \times 23^{62}$
- x.  $34^{89} \div 34^{27}$

2.

- i.  $a^5 \times a^7$
- ii.  $d^{77} \div d^6$
- iii.  $e^0$
- iv.  $x^4 \times x^3 \times x^7$
- v.  $y^{78} \div y^{13} \div y^3$
- vi.  $a^2 \times a$
- vii.  $f^6 \div f^6$
- viii.  $z^0$
- ix.  $p^{67} \times p^{62}$
- x.  $q^{34} \div r^5$

3.

- i.  $2^3 \div 2^5$
- ii.  $3^{-6} \times 3^{10}$
- iii.  $a^7 \div a^9$
- iv.  $t^6 \times t^3 \div t^{13}$
- v.  $8^9 \times 2^9$
- vi.  $w^{-12} \div w^7$
- vii.  $u^{-4} \div u^{-7}$
- viii.  $67 \times 67^9$
- ix.  $(2^3 \times 3^6)^0$
- x.  $22^3 \times a^{78}$

4.

- i.  $2a^4b^7 \times 3a^2b^4$
- ii.  $5d^3e^7 \times 4d^7e^{13}$
- iii.  $20a^8b^5 \div 4a^2b^3$
- iv.  $45u^3v^5 \div 9u^2v^3$
- v.  $5x^8y^3 \times 5x^8y^3$
- vi.  $8p^{-3}q^4 \times 4p^8q^6$
- vii.  $32g^7h^2 \div 8g^9h^5$
- viii.  $6m^6n^{28} \times 11m^{28}n^{72}$
- ix.  $-4f^8h^2 \times 3f^{-2}h^8$
- x.  $-8q^{-2}w^{-6} \div -2q^{-5}w^8$

5.

- i.  $\frac{2^6}{2^4}$
- ii.  $\frac{a^{10}}{a^3}$
- iii.  $\frac{c^6}{c^6}$
- iv.  $\frac{r^{16}}{r^{20}}$
- v.  $\frac{12c^6d^{14}}{4c^3d^2}$
- vi.  $\frac{36j^{13}k^{21}}{9j^5k^7}$
- vii.  $\left(\frac{15v^{-8}w^4}{2v^{-3}w}\right)^0$

6.

- i.  $(abc)^0$
- ii.  $45^8 \times 45^{28}$
- iii.  $34^{54} \div 34^{78}$
- iv.  $h^8 \times h^9 \div h^2$
- v.  $(t^7 \div t^4) \times t^2$
- vi.  $2h^6 \times 7h^5$
- vii.  $60e^7 \div 15e^4$
- viii.  $2^9 \times 3^6$
- ix.  $3^0 \times 3^7$
- x.  $\left(\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}\right)^0$

Atebion  
Rheolau Indecsau

Ysgrifennwch yr atebion i gwestiynau 1–6 yn y ffurf indecs.

1.

- i.  $2^{12}$
- ii.  $3^{17}$
- iii.  $4^{10}$
- iv.  $4^9$
- v. 1
- vi.  $2^4$
- vii.  $48^6$
- viii. 1
- ix.  $23^{140}$
- x.  $34^{62}$

2.

- i.  $a^{12}$
- ii.  $d^{71}$
- iii. 1
- iv.  $x^{14}$
- v.  $y^{62}$
- vi.  $a^3$
- vii. 1
- viii. 1
- ix.  $p^{129}$
- x.  $q^{29} \div r^5$

3.

- i.  $2^{-2}$
- ii.  $3^4$
- iii.  $a^{-2}$
- iv.  $t^{-4}$
- v.  $8^9 \times 2^9$
- vi.  $w^{-19}$
- vii.  $u^3$
- viii.  $67^{10}$
- ix. 1
- x.  $22^3 \times a^{78}$

4.

- i.  $6a^6b^{11}$
- ii.  $20d^{10}e^{20}$
- iii.  $5a^6b^2$
- iv.  $5uv^2$
- v.  $25x^{16}y^6$
- vi.  $32p^5q^{10}$
- vii.  $4g^{-2}h^{-3}$
- viii.  $66m^{34}n^{100}$
- ix.  $-12f^6h^{10}$
- x.  $4q^3w^{-14}$

5.

- i.  $2^2$
- ii.  $a^7$
- iii. 1
- iv.  $r^{-4}$
- v.  $3c^3d^{12}$
- vi.  $4j^8k^{14}$
- vii. 1

6.

- i. 1
- ii.  $45^{36}$
- iii.  $34^{-24}$
- iv.  $h^{15}$
- v.  $t^5$
- vi.  $14h^{11}$
- vii.  $4e^3$
- viii.  $2^9 \times 3^6$
- ix.  $3^7$
- x. 1