

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. 67×67^9
- 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