

R

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Solve:

1. $2^2 = 4$

2. $3^2 = 9$

3. $4^3 =$

4. $5^3 = 64$

5. $6^0 = 1$

Write in index form (using powers):

6. $3 \times 3 \times 3 = 3^4$

7. $5 \times 5 \times 5 \times 5 = 5^4$

8. $b \times b \times b \times b \times b = b^5$

9. $c \times c \times c \times c = c^4$

10. $y \times y \times y \times y \times y \times y = y^6$

A

Answers on the website!

1. $4^4 \times 4^2 = 4^6$

2. $3^3 \times 3^6 = 3^9$

3. $x^2 \times x^6 = x^8$

4. $y \times y^7 = y^8$

5. $n^5 \times n^3 = n^8$

6. $k^5 \div k^3 = k^2$

7. $m^6 \div m^2 = m^4$

8. $x^9 \div x^5 = x^4$

9. $(2^2)^3 = 2^6$

10. $(x^4)^5 = x^{20}$

Check out our new 1-9 GCSE takeaway

G

1. $y^2 \times y^3 \times y^6 = y^{11}$

2. $m^2 \times m^4 \times m^7 = y^{13}$

3. $c^3 \times c^3 \times c^3 = c^9$

4. $b^{10} \div b^2 \div b^3 = b^5$

5. $c^{15} \div c^3 \div c^4 = c^8$

6. $27 = 9^{\square} = 2$

7. $125 = 5^{\square} = 3$

8. $\frac{m^3 \times m^5}{m^2} = m^6$

9. $\frac{y^6 \times y^7}{y^5} = y^8$

10. $\frac{b^4 \times b^5}{b^5 \times b} = b^3$

E

1. $5b^2 \times 2b^3 = 10b^5$

2. $7m^5 \times 5m^{-3} = 35m^2$

3. $10b^4 \div 2b^3 = 5b$

4. $20m^9 \div 5m^2 = 4m^7$

5. $(2x^4)^3 = 8x^{12}$

6. $(5b^5)^2 = 5b^{10}$

7. $\frac{5m^4 \times 2m^5}{m^2} = 7m^7$

8. $\frac{4b^4 \times 6b^7}{8b} = 3b^{10}$