



Interpret zero exponents

1

Find the answer when these terms are divided

$$\frac{r \times r \times r \times r \times r}{r \times r \times r}$$

A $\frac{1}{r}$	B r^4	C r^3
D r^2	E r^5	F r

2

Find the answer when these terms are multiplied

$$(z \times z \times z) \cdot \left(\frac{1}{z \times z}\right)$$

A z^{-2}	B z^{-5}	C z^{-3}
D z^{-7}	E z	F z^{-1}

3

Find the answer when these terms are multiplied

$$(x^6) \cdot (x^{-3})$$

A x^2	B x^{-3}	C x^4
D x^6	E x^3	F x^5

4

Which division has this as the answer?

$$z^3$$

A $\frac{z^{11}}{z^7}$	B $\frac{z^{11}}{z^8}$	C $\frac{z^9}{z^8}$
D $\frac{z^8}{z^8}$	E $\frac{z^{11}}{z^{10}}$	

5

Find the answer when these terms are divided

$$\frac{p \times p \times p \times p \times p \times p \times p \times p}{p \times p \times p \times p \times p \times p \times p \times p}$$

A 0	B p^2
C p	D 1

6

Find the answer when these terms are divided

$$\frac{t \times t \times t \times t \times t \times t \times t}{t \times t \times t \times t \times t \times t \times t}$$

A 1	B 0
C t	D t^2

7

Find the answer when these terms are divided

$$\frac{x^{-4}}{x^{-4}}$$

A x	B 0
C x^2	D x^0

8

Find the answer when these terms are multiplied

$$(r^7) \cdot (r^{-7})$$

A r^0	B r	C r^{-49}
D r^{-3}	E r^2	F r^{-10}



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9

Which division has this as the answer?

$$x^3$$

A

$$\frac{x^8}{x^7}$$

B

$$\frac{x^8}{x^4}$$

C

$$\frac{x^8}{x^5}$$

D

$$\frac{x^5}{x^5}$$

E

$$\frac{x^6}{x^5}$$

10

Find the answer when these terms are divided

$$\frac{x \times x \times x}{x \times x \times x}$$

A

$$x$$

B

$$x^2$$

C

$$0$$

D

$$x^0$$

11

Find the answer when these terms are divided

$$\frac{m \times m}{m \times m}$$

A

$$m^2$$

B

$$1$$

C

$$m$$

D

$$0$$

12

Find the answer when these terms are divided

$$\frac{q^{-9}}{q^{-9}}$$

A

$$q^2$$

B

$$0$$

C

$$q$$

D

$$q^0$$