



Apply the quotient rule for exponents

1

Cancel out terms to find the final result

$$\frac{z \times z \times z \times z \times z \times z \times z \times z \times z}{z \times z \times z \times z \times z \times z \times z}$$

A

z^0

B

$z \times z$

2

Find the answer when these terms are divided

$$\frac{c \times c \times c}{c \times c \times c}$$

A

c^2

B

c^3

C

c

D

c^0

E

$\frac{1}{c^2}$

F

$\frac{1}{c^3}$

3

Find the answer when these terms are divided

$$\frac{n^2}{n^1}$$

A

n^2

B

n^0

C

n

D

n^4

E

$\frac{1}{n}$

F

n^3

4

Find the answer when these terms are divided

$$\frac{c^{-9}}{c^{-3}}$$

A

c^3

B

c^0

C

c^2

D

c^5

E

c^{-6}

F

c^{-8}

5

Solve the equation by dividing powers of ten

$$\frac{10^{-10}}{10^{-5}}$$

A

10^{-7}

B

10^{-4}

C

10^{-8}

D

10^{-5}

E

10^{-6}

F

10^{-3}

6

Find the answer when these terms are divided

$$\frac{x^{-3}}{x^4}$$

A

$\frac{1}{x^9}$

B

$\frac{1}{x^6}$

C

$\frac{1}{x^5}$

D

$\frac{1}{x^7}$

E

$\frac{1}{x^8}$

F

$\frac{1}{x^{10}}$

7

Find the answer when these terms are divided

$$\frac{n^{-5}}{n^3}$$

A

n^2

B

n

C

n^8

D

n^{-10}

E

n^0

F

n^{-8}

8

Solve the equation by dividing powers of ten

$$\frac{10^1}{10^0}$$

A

10^{-1}

B

10^2

C

10^1

D

10^0

E

10^{-2}

F

10^3

**Apply the quotient rule for exponents****9**

Find the answer when these terms are divided

$$\frac{m^{-3}}{m^{-4}}$$

A m^0	B m^4	C 1
D m^3	E $\frac{1}{m^2}$	F m

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Find the answer when these terms are divided

$$\frac{c^{-5}}{c^{-4}}$$

A c^0	B 1	C $\frac{1}{c}$
D c	E $\frac{1}{c^3}$	F $\frac{1}{c^4}$

11

Find the answer when these terms are divided

$$\frac{d^2}{d^5}$$

A $\frac{1}{d^5}$	B 1	C $\frac{1}{d^2}$
D $\frac{1}{d^3}$	E $\frac{1}{d}$	F d^0

12

Find the answer when these terms are divided

$$\frac{y^4}{y^5}$$

A y^5	B y^{-1}	C y^3
D y^{-7}	E y^9	F y^{-5}