

**Apply the product rule for powers****1**

Find the answer when these terms are multiplied

$$(d \times d \times d \times d) \cdot (d)$$

A

d^8

B

d

C

d^5

D

d^9

E

d^0

F

d^4

2

Find the answer when these terms are multiplied

$$5^2 \cdot 5^2 \cdot 5^2 \cdot 5^2$$

A

5^{80}

B

5^9

C

5^{800}

D

5^6

E

5^8

3

Find the answer when these terms are multiplied

$$p^2 \cdot p^2 \cdot p^2$$

A

p^6

B

p^{600}

C

p^5

4

Find the answer when these terms are multiplied

$$(n^3) \cdot (n^2)$$

A

n^3

B

n

C

n^8

D

n^5

E

n^4

F

n^6

5

Find the answer when these terms are multiplied

$$35^2 \cdot 35^2 \cdot 35^2 \cdot 35^2$$

A

35^{80}

B

35^6

C

35^{800}

D

35^0

E

35^8

6

Solve the equation by multiplying powers of ten

$$10^5 \times 10^0$$

A

10^6

B

10^7

C

10^5

D

10^2

E

10^4

F

10^3

7

Find the answer when these terms are multiplied

$$(d^1) \cdot (d^5)$$

A

d^7

B

d

C

d^4

D

d^8

E

d^6

F

d^9

8

Find the answer when these terms are multiplied

$$55^3 \cdot 55^3$$

A

55^7

B

55^5

C

55^6

**Apply the product rule for powers****9**

Solve the equation by multiplying powers of ten

$$10^0 \times 10^1$$

A	10^{-1}	B	10^{-2}
C	10^2	D	10^0
E	10^1	F	10^3

10

Find the answer when these terms are multiplied

$$(n^2) \cdot (n^1)$$

A	n^0	B	n^2	C	n^7
D	n	E	n^3	F	n^4

11

Find the answer when these terms are multiplied

$$6^2 \cdot 6^2 \cdot 6^2 \cdot 6^2$$

A	6^6	B	6^0
C	6^7	D	6^8

12

Solve the equation by multiplying powers of ten

$$10^1 \times 10^4$$

A	10^6	B	10^3	C	10^7
D	10^2	E	10^4	F	10^5