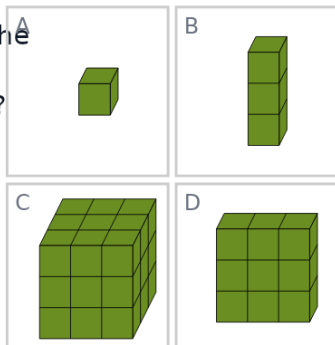




Apply exponent laws for products

- 1** What picture shows the meaning of this exponent expression?

$$3^1$$



- 2** Find the answer when these terms are multiplied

$$(x \times x \times x) \cdot (x \times x \times x \times x)$$

A x^9	B x^0	C x^{12}
D x^6	E x^7	F x^3

- 3** Find the answer when these terms are multiplied

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

A 5^{800}	B 5^9	C 5^6
D 5^{80}	E 5^8	

- 4** Solve the equation by multiplying powers of ten

$$10^4 \times 10^2$$

A 10^8	B 10^5	C 10^7
D 10^4	E 10^3	F 10^6

- 5** Find the answer when these terms are multiplied

$$b^3 \cdot b^3 \cdot b^3 \cdot b^3$$

A b^{10}	B b^{12}	C b^{11}
D b^0	E b^{13}	

- 6** Find the answer when these terms are multiplied

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

A b^0	B b^5	C b
D b^3	E b^7	F b^6

- 7** Find the answer when these terms are multiplied

$$6^3 \cdot 6^3 \cdot 6^3 \cdot 6^3$$

A 6^7	B 6^{12}	C 6^{10}
D 6^{120}	E 6^{13}	

- 8** Use the power of a product rule to write this as a single power of a product.

$$5^2 \cdot 7^2$$

A $(12)^2$	B $(35)^3$
C $(35)^4$	D $(35)^2$



Apply exponent laws for products

9

Find the answer when these terms are multiplied

$$(y^4) \cdot (y^4)$$

A

y^0

B

y^8

C

y^7

D

y^9

E

y^2

F

y^5

10

Find the answer when these terms are multiplied

$$77^3 \cdot 77^3$$

A

77^5

B

77^{600}

C

77^6

D

77^0

11

Use the power of a product rule to write this as a single power of a product.

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

A

$(7)^2$

B

$(10)^4$

C

$(10)^3$

D

$(10)^2$

12

Find the answer when these terms are multiplied

$$(r^3) \cdot (r^3)$$

A

r^9

B

r^4

C

r^0

D

r^5

E

r^3

F

r^6