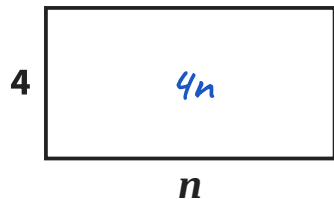


Algebraic Notation: Multiplying

ANSWERS

1

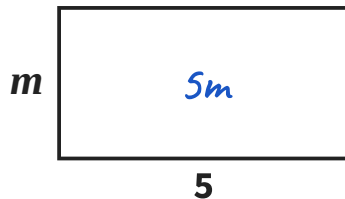
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= 4 \times n \\ &= 4 \times n \\ &= 4n\end{aligned}$$

2

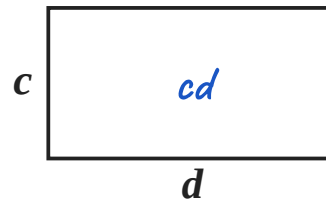
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= m \times 5 \\ &= 5 \times m \\ &= 5m\end{aligned}$$

3

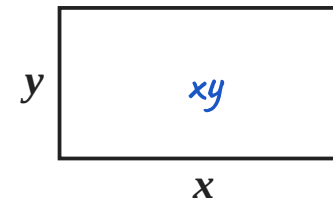
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= c \times d \\ &= c \times d \\ &= cd\end{aligned}$$

4

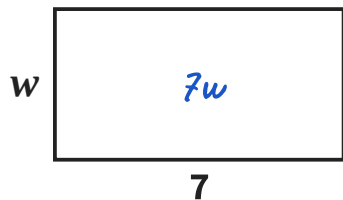
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= y \times x \\ &= x \times y \\ &= xy\end{aligned}$$

5

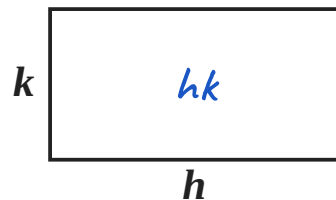
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= w \times 7 \\ &= 7 \times w \\ &= 7w\end{aligned}$$

6

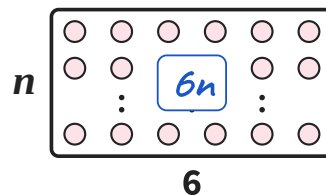
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= k \times h \\ &= h \times k \\ &= hk\end{aligned}$$

7

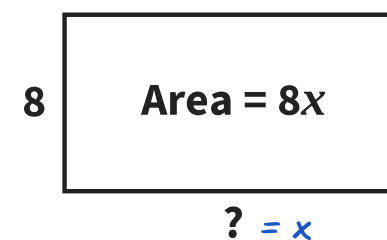
A tray has n rows of 6 cakes. Write the number of cakes.



$$\begin{aligned}\text{Cakes} &= n \times 6 \\ &= 6 \times n \\ &= 6n\end{aligned}$$

8

The area is $8x$. Find the missing side.



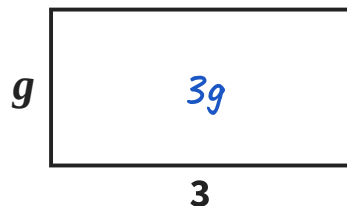
$$\begin{aligned}\text{Area} &= 8 \times x \\ &= 8x\end{aligned}$$

Algebraic Notation: Multiplying *further practice*

ANSWERS

9

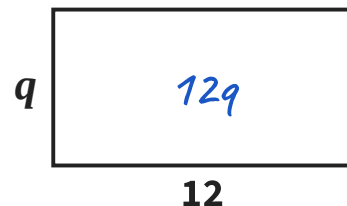
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= \boxed{g} \times \boxed{3} \\ &= \boxed{3} \times \boxed{g} \\ &= \boxed{3g}\end{aligned}$$

10

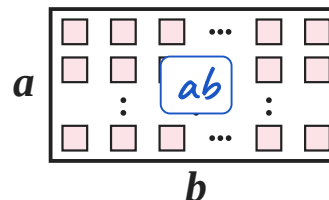
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= \boxed{q} \times \boxed{12} \\ &= \boxed{12} \times \boxed{q} \\ &= \boxed{12q}\end{aligned}$$

11

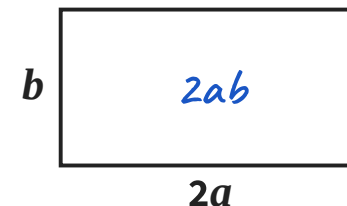
A wall has a rows of b tiles.
Write the number of tiles.



$$\begin{aligned}\text{Tiles} &= \boxed{a} \times \boxed{b} \\ &= \boxed{a} \times \boxed{b} \\ &= \boxed{ab}\end{aligned}$$

12

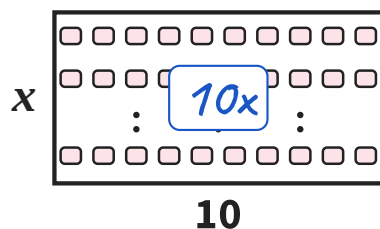
Write the area using algebraic notation.



$$\begin{aligned}\text{Area} &= \boxed{b} \times \boxed{2a} \\ &= \boxed{2a} \times \boxed{b} \\ &= \boxed{2ab}\end{aligned}$$

13

A hall has x rows of 10 seats.
Write the number of seats.

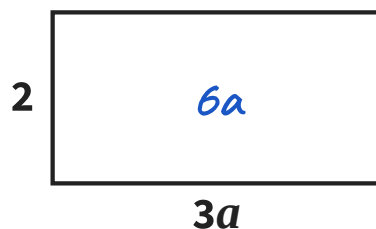


$$x \times 10 = 10 \times x$$

Seats 10x

14

Write the area using algebraic notation.

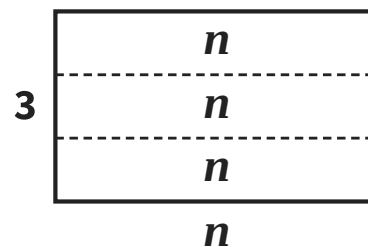


$$2 \times 3a = 2 \times 3 \times a$$

Answer 6a

15

Which two of these mean the same as $3n$?



$n + 3$

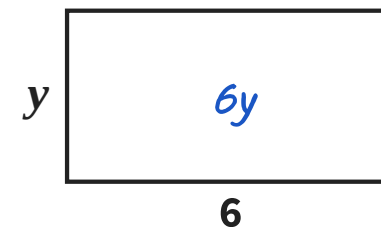
$n + n + n$

$3 \times n$

$n \times n \times n$

16

Ben writes the area as $y6$.
What has Ben done wrong?



The number should
go first, before the letter.

The area is 6y