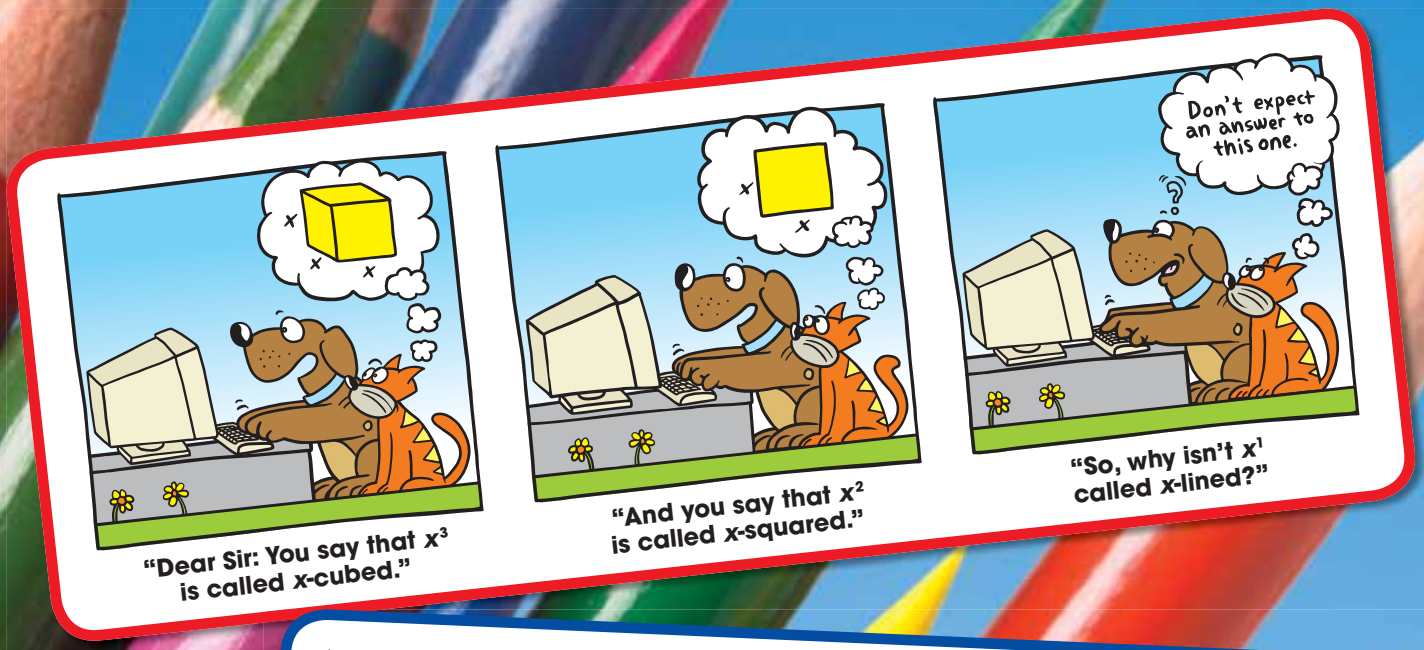
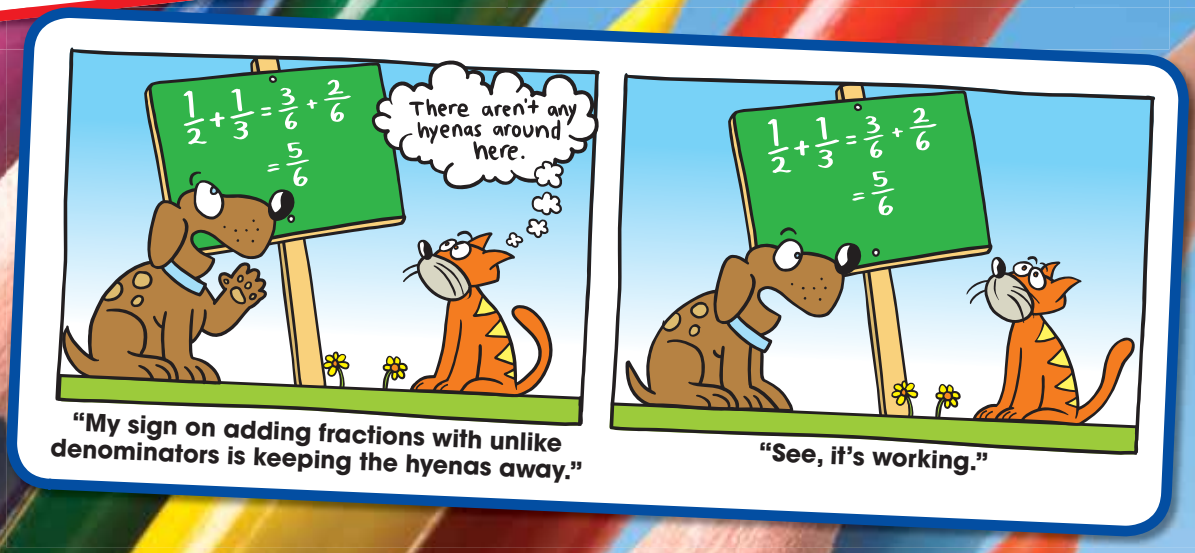
English Spanish

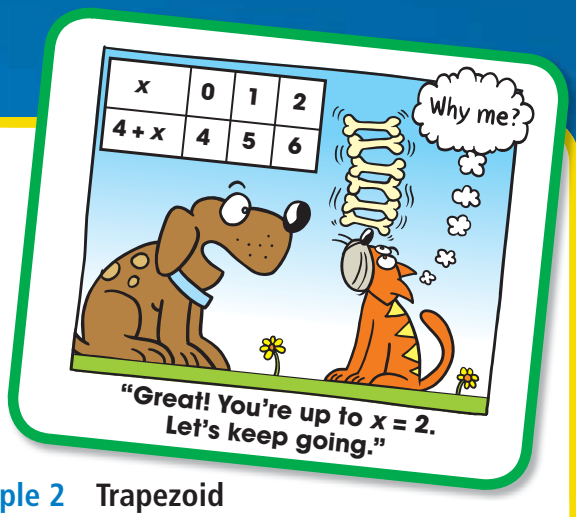
1 Expressions and Number Properties





English Spanish

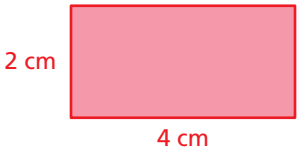
What You Learned Before



Finding Area

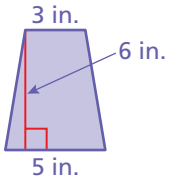
Find the area of each figure.

Example 1 Rectangle



$A = bh$
$= 4 \cdot 2$
$= 8 \text{ cm}^2$

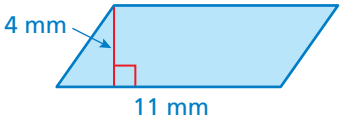
Example 2 Trapezoid



$A = h(b + B) \div 2$
$= 6(3 + 5) \div 2$
$= 48 \div 2$
$= 24 \text{ in.}^2$

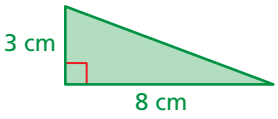
STUDY TIP

Example 3 Parallelogram



$A = bh$
$= 11 \cdot 4$
$= 44 \text{ mm}^2$

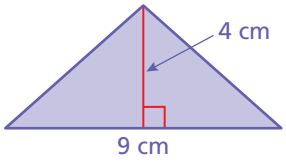
Example 4 Triangle

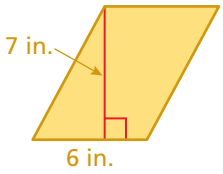


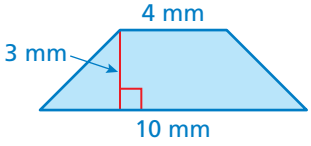
$A = bh \div 2$
$A = 8 \cdot 3 \div 2$
$= 24 \div 2$
$= 12 \text{ cm}^2$

Try It Yourself

Find the area.

1. 

2. 

3. 

Using Order of Operations

Example 5 Simplify $4^2 \div 2 + 3(9 - 5)$.

First: **P**arentheses
Second: **E**xponents
Third: **M**ultiplication and **D**ivision (from left to right)
Fourth: **A**ddition and **S**ubtraction (from left to right)

$4^2 \div 2 + 3(9 - 5) = 4^2 \div 2 + 3 \cdot 4$
$= 16 \div 2 + 3 \cdot 4$
$= 8 + 12$
$= 20$

Try It Yourself

Simplify the expression.

4. $3^2 + 5(4 - 2)$
5. $3 + 4 \div 2$
6. $10 \div 5 \cdot 3$
7. $4(3^3 - 8) \div 2$
8. $3 \cdot 6 - 4 \div 2$
9. $12 + 7 \cdot 3 - 24$