1.1

SOLVING SIMPLE EQUATIONS

$$x + 9 = 14$$

Subtraction Property of Equality

$$x - 12 = 51$$

3) $-5 = x + 13$

4) $-57 + j = 72$

5) $6x = 222$

6) $-x = 27$

7) $\frac{c}{6} = -7$

8) $a + 4.7 = 10.3$

$9)\quad 0.5 = \boldsymbol{b} - 1.25$

$10)\quad -10 = \boldsymbol{c} + 4.2$

11) $\frac{d}{3} = -2.1$

12) $-0.05e = 6.5$

13) $-34 = \frac{f}{-6}$

14) $h + 2\pi = 3\pi$

On Your Own

Solve.

1. $b + 2 = -5$

2. $g - 1.7 = -0.9$

On Your Own

Solve.

3. $-3 = k + 3$

4. $r - \pi = \pi$

On Your Own

Solve.

5. $t - \frac{1}{4} = -\frac{3}{4}$

6. $5.6 + z = -8$

Solving

Examples

16) $\pi x = 3\pi$

17) $\frac{2}{5}x = -4$

Solving

Examples

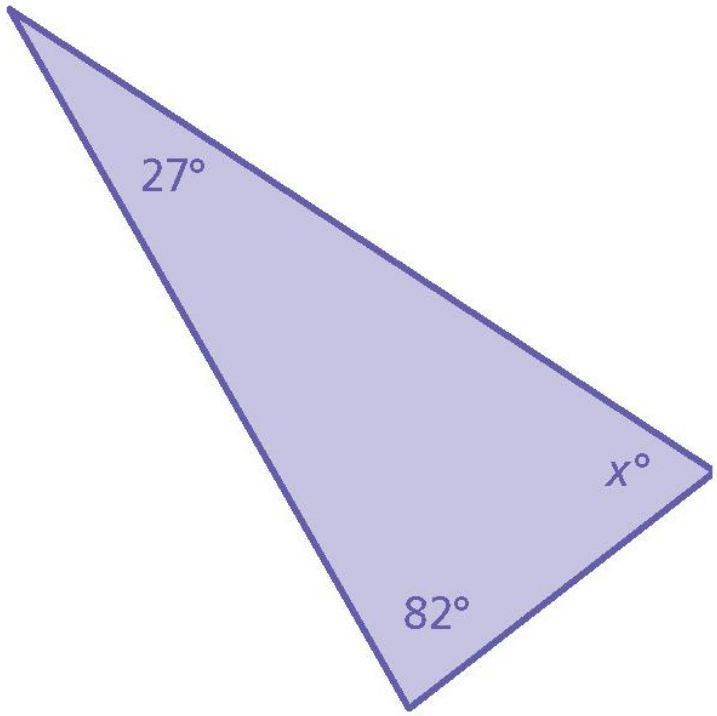
18) **What value of k makes the equation $k + 4 \div 0.2 = 5$ true?**

(A) -15 (B) -5 (C) -3 (D) 1.5

Application

Find the value of the missing variable

a.



Application

Find the value of the missing variable

b.