

Check

- 3.**
- Solve each equation.

Verify the solution.

a) $\frac{t}{5} = 6$ b) $\frac{a}{7} = 8$

c) $\frac{b}{6} = 3$ d) $\frac{c}{3} = 9$

- 4.**
- Solve each equation.

Verify the solution.

a) $\frac{d}{-4} = 5$ b) $\frac{f}{8} = -5$

c) $\frac{k}{9} = -4$ d) $\frac{m}{-5} = -7$

- 5.**
- One-quarter of the golf balls in the bag are yellow.

There are 8 yellow golf balls.

How many golf balls are in the bag?

- a) Write an equation you can use to solve the problem.

b) Solve the equation.

c) Verify the solution.

- 6.**
- For each sentence, write an equation.

Solve the equation to find the number.

a) A number divided by 6 is 9.

b) A number divided by -4 is -3 .c) A number divided by -5 is 7.

- 7.**
- Solve each equation.

Verify the solution.

a) $\frac{n}{4} + 3 = 10$ b) $\frac{m}{3} - 2 = 9$

c) $13 + \frac{x}{2} = 25$ d) $-9 + \frac{s}{2} = 2$

Apply

- 8.**
- Solve each equation.

Verify the solution.

a) $\frac{p}{-3} + 9 = 3$ b) $\frac{t}{-6} + 12 = 18$

c) $-24 + \frac{w}{5} = -29$ d) $-17 + \frac{e}{-7} = -8$

- 9.**
- For each sentence, write an equation.

Solve the equation to find the number.

a) Add 1 to a number divided by -3 and the sum is 6.

b) Subtract a number divided by 9 from 3 and the difference is 0.

c) Add 4 to a number divided by -2 and the sum is -3 .

- 10.**
- One-half of the team's supply of baseballs was taken from the dressing room to the dugout. During the game, 11 baseballs were caught by fans. At the end of the game, there were 12 baseballs left in the dugout. What was the team's original supply of baseballs?

a) Write an equation you can use to solve the problem.

b) Solve the equation.

c) Verify the solution.