

Write a one-step equation for a word problem

NAME	DATE	SCORE / 10
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- 1** Noah had 77 cards. Noah gave some cards away and has 23 cards left. Let n be the number of cards Noah gave away. You do not need to find n . Write an equation with n that matches the story.

- 2** Emma had 90 cards. Emma gave some cards away and has 57 cards left. Let n be the number of cards Emma gave away. Which equation matches the story?

☐ $n = 90 + 57$
☐ $90 - n = 57$
☐ $90 + n = 57$
☐ $n - 90 = 57$

- 3** After a party, 3 plates of cookies were left. Each plate had 8 cookies on it. Let n be the number of cookies left. You do not need to find n . Write an equation with n that matches the story.

- 4** Maya shared some cookies equally among 7 friends. Each friend got 8 cookies. Let n be the number of cookies Maya shared. Which equation matches the story?

☐ $n = 7 + 8$
☐ $8 \div 7 = n$
☐ $n \div 7 = 8$
☐ $n \times 7 = 8$

- 5** Ivy spent \$14 on a game and has \$49 left. Let n be the number of dollars Ivy had at first. You do not need to find n . Write an equation with n that matches the story.

- 6** Noah puts 18 pens into 3 boxes. Each box gets the same number of pens. Let n be the number of pens in each box. Which equation matches the story?

☐ $3 \times n = 18$
 ☐ $n \times 18 = 3$
 ☐ $n = 3 \times 18$
 ☐ $3 + n = 18$

- 7** Cleo shared some cookies equally among 3 friends. Each friend got 7 cookies. Let n be the number of cookies Cleo shared. You do not need to find n . Write an equation with n that matches the story.

- 8** Leo had some stickers. Then Leo got 21 more stickers and now has 72 stickers. Let n be the number of stickers Leo had at first. Which equation matches the story?

☐ $21 \times n = 72$
 ☐ $n = 21 + 72$
 ☐ $n - 21 = 72$
 ☐ $n + 21 = 72$

- 9** Noah had some stickers. Then Noah got 43 more stickers and now has 70 stickers. Let n be the number of stickers Noah had at first. You do not need to find n . Write an equation with n that matches the story.

- 10** Noah spent \$14 on a game and has \$38 left. Let n be the number of dollars Noah had at first. Which equation matches the story?

☐ $14 - n = 38$
 ☐ $n - 14 = 38$
 ☐ $n + 14 = 38$
 ☐ $n = 38 - 14$

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1 $77 - n = 23$

3 $3 \times 8 = n$

5 $n - 14 = 49$

7 $n \div 3 = 7$

9 $n + 43 = 70$

2 $90 - n = 57$

4 $n \div 7 = 8$

6 $3 \times n = 18$

8 $n + 21 = 72$

10 $n - 14 = 38$
