

Write a one-step equation for a word problem

NAME	DATE	SCORE / 10
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- 1** Dev had 51 cards. Dev gave some cards away and has 27 cards left. Let n be the number of cards Dev gave away. You do not need to find n . Write an equation with n that matches the story.

- 2** Noah puts 64 pens into 8 boxes. Each box gets the same number of pens. Let n be the number of pens in each box. Which equation matches the story?

☐ $8 \times n = 64$
☐ $n \times 64 = 8$
☐ $n = 8 \times 64$
☐ $8 + n = 64$

- 3** Ivy spent \$37 on a game and has \$21 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.

- 4** Leo had 43 cards. Leo gave some cards away and has 19 cards left. Let n be the number of cards Leo gave away. Which equation matches the story?

☐ $43 - n = 19$
☐ $n - 43 = 19$
☐ $n = 43 + 19$
☐ $43 + n = 19$

- 5** Noah puts 55 pens into 5 boxes. Each box gets the same number of pens. Let n be the number of pens in each box. You do not need to find n . Write an equation with n that matches the story.

- 6** Emma had some stickers. Then Emma got 42 more stickers and now has 78 stickers. Let n be the number of stickers Emma had at first. Which equation matches the story?

☐ $n - 42 = 78$
 ☐ $n = 42 + 78$
 ☐ $n + 42 = 78$
 ☐ $42 \times n = 78$

- 7** Emma had some stickers. Then Emma got 17 more stickers and now has 33 stickers. Let n be the number of stickers Emma had at first. You do not need to find n . Write an equation with n that matches the story.

- 8** After a party, 8 plates of cookies were left. Each plate had 7 cookies on it. Let n be the number of cookies left. Which equation matches the story?

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

- 9** Noah shared some cookies equally among 8 friends. Each friend got 6 cookies. Let n be the number of cookies Noah shared. You do not need to find n . Write an equation with n that matches the story.

- 10** Ana spent \$33 on a game and has \$24 left. Let n be the number of dollars Ana had at first. Which equation matches the story?

☐ $n = 24 - 33$
 ☐ $33 - n = 24$
 ☐ $n + 33 = 24$
 ☐ $n - 33 = 24$

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1 $51 - n = 27$

3 $n - 37 = 21$

5 $5 \times n = 55$

7 $n + 17 = 33$

9 $n \div 8 = 6$

2 $8 \times n = 64$

4 $43 - n = 19$

6 $n + 42 = 78$

8 $8 \times 7 = n$

10 $n - 33 = 24$
