

Write a one-step equation for a word problem

NAME	DATE	SCORE / 10
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- 1** Ana has 21 more marbles than Dev. Ana has 52 marbles. Let n be the number of marbles Dev has. You do not need to find n . Write an equation with n that matches the story.

- 2** After a party, 9 plates of cookies were left. Each plate had 5 cookies on it. Let n be the number of cookies left. Which equation matches the story?

☐ $9 - 5 = n$
 ☐ $9 + 5 = n$
 ☐ $9 \times 5 = n$
 ☐ $n \times 5 = 9$

- 3** Ana had 85 cards. Ana gave some cards away and has 68 cards left. Let n be the number of cards Ana gave away. You do not need to find n . Write an equation with n that matches the story.

- 4** Ana has 20 more marbles than Maya. Ana has 49 marbles. Let n be the number of marbles Maya has. Which equation matches the story?

☐ $n = 49 + 20$
 ☐ $n + 20 = 49$
 ☐ $n - 20 = 49$
 ☐ $20 \times n = 49$

- 5** Dev shared some cookies equally among 6 friends. Each friend got 5 cookies. Let n be the number of cookies Dev shared. You do not need to find n . Write an equation with n that matches the story.

- 6** Ivy puts 80 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?

☐ $8 \times n = 80$
 ☐ $8 + n = 80$
 ☐ $n = 8 \times 80$
 ☐ $n \times 80 = 8$

- 7** Ivy spent \$39 on a game and has \$29 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.

- 8** Dev had 62 cards. Dev gave some cards away and has 39 cards left. Let n be the number of cards Dev gave away. Which equation matches the story?

☐ $62 - n = 39$
 ☐ $n - 62 = 39$
 ☐ $62 + n = 39$
 ☐ $n = 62 + 39$

- 9** Leo puts 40 pens into 8 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.

- 10** Leo shared some cookies equally among 8 friends. Each friend got 5 cookies. Let n be the number of cookies Leo shared. Which equation matches the story?

☐ $n \times 8 = 5$
 ☐ $5 \div 8 = n$
 ☐ $n = 8 + 5$
 ☐ $n \div 8 = 5$

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1 $n + 21 = 52$

3 $85 - n = 68$

5 $n \div 6 = 5$

7 $n - 39 = 29$

9 $8 \times n = 40$

2 $9 \times 5 = n$

4 $n + 20 = 49$

6 $8 \times n = 80$

8 $62 - n = 39$

10 $n \div 8 = 5$
