Properties

Name _____ Date _____

Swap the numbers: the answer stays the same.

Common Core 3.OA.B.5

Example 3 × 8 = 8 × ?

1. Swapping the two numbers does not change the answer.
2. 3 × 8 = 24 and 8 × 3 = 24.

Answer: 3

1. 6 × 7 = ☐ × ☐ = ☐
2. ☐ × 7 = 7 × 2
3. ☐ × 3 = 3 × 9
4. 2 × 4 = 4 × ☐
5. 9 × 7 = ☐ × ☐ = ☐
6. 5 × 9 = 9 × ☐

Work out the brackets first.

Example (2 × 4) × 6 = ? × 6 = ?

1. Work out the brackets first: 2 × 4 = 8.
2. Then 8 × 6 = 48.

Answer: 8, then 48

7. 8 × (3 × 2) = 8 × ☐ = ☐
8. 2 × (2 × 2) = 2 × ☐ = ☐
9. 8 × (2 × 2) = 8 × ☐ = ☐
10. (4 × 2) × 5 = ☐ × 5 = ☐
11. (2 × 5) × 8 = ☐ × 8 = ☐
12. 5 × (2 × 3) = 5 × ☐ = ☐

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Facts to 100

Name _____ Date _____

Use the multiplication fact to divide.

Common Core 3.OA.B.6, 3.OA.C.7

Example 56 ÷ 8 = ?
1. Think: 8 × ? = 56.
2. 8 × 7 = 56, so 56 ÷ 8 = 7.

Answer: 7

1. 24 ÷ 8 = ☐
   because 8 × ☐ = 24

2. 27 ÷ 3 = ☐
   because 3 × ☐ = 27

3. 49 ÷ 7 = ☐
   because 7 × ☐ = 49

4. 35 ÷ 5 = ☐
   because 5 × ☐ = 35

5. 12 ÷ 4 = ☐
   because 4 × ☐ = 12

6. 14 ÷ 7 = ☐
   because 7 × ☐ = 14

Multiply, divide or find the missing number.

Example 7 × ? = 42
1. Ask: what times 7 makes 42?
2. 7 × 6 = 42.

Answer: 6

7. 10 × ☐ = 40

8. 3 × ☐ = 21

9. 3 × ☐ = 30

10. 6 ÷ 3 = ☐

11. 4 × ☐ = 20

12. 54 ÷ 9 = ☐

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Answers

Answers are in the same order as the boxes.

Page 1 · Properties

1. 7 × 6 = 42
2. 2
3. 9
4. 2
5. 7 × 9 = 63
6. 5
7. 6, 48
8. 4, 8
9. 4, 32
10. 8, 40
11. 10, 80
12. 6, 30

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1. 3, 3
2. 9, 9
3. 7, 7
4. 7, 7
5. 3, 3
6. 2, 2
7. 4
8. 7
9. 10
10. 2
11. 5
12. 6

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