Division and Multiplication Relationship

Grade 3 Math Worksheet - Building Confidence

Name _____ Date _____

Circle the answer, or write the answer on the line.

1. Find the missing number: 20 ÷ __ = 10.

_____

2. Why is 30 ÷ 10 = 3 true?

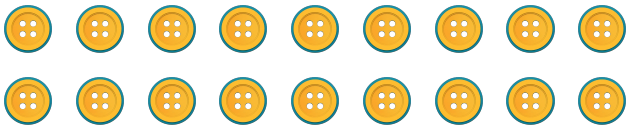
4 groups of 10 make 30 3 groups of 10 make 30

10 groups of 10 make 30

3. Which number makes both facts true? 10 × __ = 70 and 70 ÷ 10 = __

60 6 7

4. This array has 2 rows of buttons. Which division fact finds the buttons in each row?



18 ÷ 9 = 3 18 ÷ 2 = 9 18 ÷ 2 = 10

5. Which multiplication fact checks 14 ÷ 2 = 7?

2 × 6 = 14 2 × 7 = 14 2 × 8 = 14

6. If 2 × 8 = 16, which division fact is also true?

16 ÷ 8 = 4 16 ÷ 4 = 2

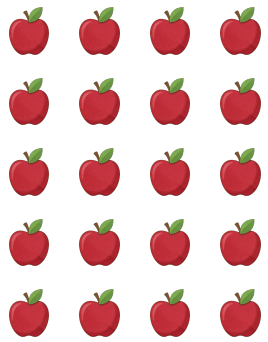
16 ÷ 2 = 8

7. Which fact is in the same fact family as 2 × 6 = 12?

12 ÷ 6 = 2 12 ÷ 3 = 4

6 × 3 = 18

8. This array shows apples in 5 rows. Which division fact finds the apples in each row?



20 ÷ 5 = 4 20 ÷ 2 = 5

20 ÷ 5 = 3

9. Sam packs 16 socks into pairs. Which fact tells how many pairs he makes?

16 × 2 = 32 8 × 2 = 16

9 × 2 = 16

10. Which multiplication fact checks 35 ÷ 5 = 7?

5 × 7 = 35 6 × 7 = 35 5 × 8 = 35

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Division and Multiplication Relationship

Answer Key - Grade 3 Math Worksheet - Building Confidence

Circle the answer, or write the answer on the line.

1. Find the missing number: 20 ÷ __ = 10.

2

2. Why is 30 ÷ 10 = 3 true?

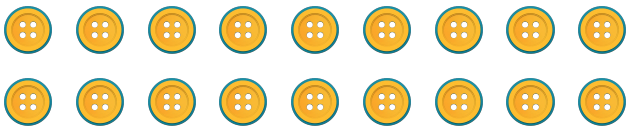
4 groups of 10 make 30 — 3 groups of 10 make 30

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3. Which number makes both facts true? 10 × __ = 70 and 70 ÷ 10 = __

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4. This array has 2 rows of buttons. Which division fact finds the buttons in each row?



18 ÷ 9 = 3 — 18 ÷ 2 = 9 — 18 ÷ 2 = 10

5. Which multiplication fact checks 14 ÷ 2 = 7?

2 × 6 = 14 — 2 × 7 = 14 — 2 × 8 = 14

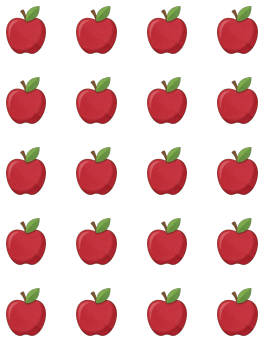
6. If 2 × 8 = 16, which division fact is also true?

16 ÷ 8 = 4 — 16 ÷ 4 = 2 — 16 ÷ 2 = 8

7. Which fact is in the same fact family as 2 × 6 = 12?

12 ÷ 6 = 2 — 12 ÷ 3 = 4 — 6 × 3 = 18

8. This array shows apples in 5 rows. Which division fact finds the apples in each row?



20 ÷ 5 = 4 (correct) 20 ÷ 2 = 5 20 ÷ 5 = 3

9. Sam packs 16 socks into pairs. Which fact tells how many pairs he makes?

16 × 2 = 32 8 × 2 = 16 (correct) 9 × 2 = 16

10. Which multiplication fact checks 35 ÷ 5 = 7?

5 × 7 = 35 (correct) 6 × 7 = 35 5 × 8 = 35