Division and Multiplication Relationship

Grade 3 Math Worksheet - Building Confidence

Name _____ Date _____

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

1. Which missing-factor problem matches 50 ÷ 10 = __?

   10 × __ = 50 __ × 50 = 10 10 × 50 = __

2. Find the missing factor: 5 × __ = 30.

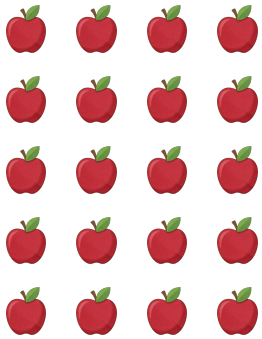
   _____

3. Why is 30 ÷ 10 = 3 true?

   3 groups of 10 make 30 30 take away 10 is 3

   10 groups of 10 make 30

4. 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

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

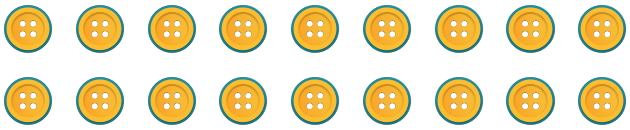
   5 × 8 = 35 5 × 7 = 35 6 × 7 = 35

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

8 × 2 = 16 16 × 2 = 32

9 × 2 = 16

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



18 ÷ 2 = 9 18 ÷ 2 = 10

18 ÷ 2 = 8

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

_____

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

6 × 3 = 18 12 ÷ 6 = 2

6 ÷ 2 = 3

10. If 10 × 4 = 40, which division fact is also true?

40 ÷ 10 = 3 40 ÷ 10 = 4 40 ÷ 5 = 10

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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. Which missing-factor problem matches 50 ÷ 10 = __?

   10 × __ = 50 (circled) __ × 50 = 10 10 × 50 = __

2. Find the missing factor: 5 × __ = 30.

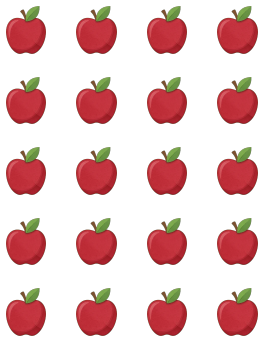
   6

3. Why is 30 ÷ 10 = 3 true?

   3 groups of 10 make 30 (circled) 30 take away 10 is 3

   10 groups of 10 make 30

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



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

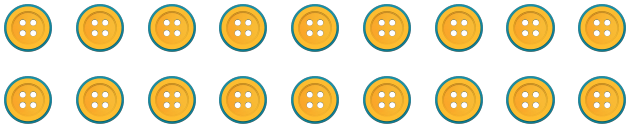
5. Which multiplication fact checks 35 ÷ 5 = 7?

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

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

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

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



18 ÷ 2 = 9 (correct)

18 ÷ 2 = 10

18 ÷ 2 = 8

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

2

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

6 × 3 = 18

12 ÷ 6 = 2 (correct)

6 ÷ 2 = 3

10. If 10 × 4 = 40, which division fact is also true?

40 ÷ 10 = 3

40 ÷ 10 = 4 (correct)

40 ÷ 5 = 10