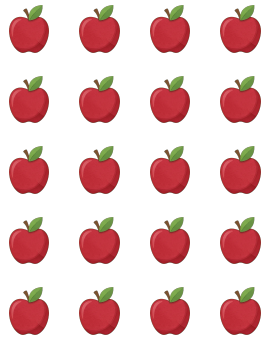
Division and Multiplication Relationship

Grade 3 Math Worksheet - Building Confidence

Name _____ Date _____

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

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



20 ÷ 2 = 5 20 ÷ 5 = 3 20 ÷ 5 = 4

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

8 7 60

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

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

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

5 × 8 = 35 5 × 7 = 35 5 × 6 = 35

6. Which fact is in the same fact family as $2 \times 6 = 12$?

$6 \div 2 = 3$ $12 \div 6 = 2$

$6 \times 3 = 18$

7. If $2 \times 8 = 16$, which division fact is also true?

$16 \div 2 = 9$ $16 \div 2 = 8$

$16 \div 4 = 2$

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

$9 \times 2 = 16$ $8 \times 2 = 16$

$7 \times 2 = 16$

9. Find the missing number: $20 \div __ = 10$.

_____

10. If $10 \times 4 = 40$, which division fact is also true?

$40 \div 10 = 3$ $40 \div 10 = 4$ $40 \div 4 = 8$

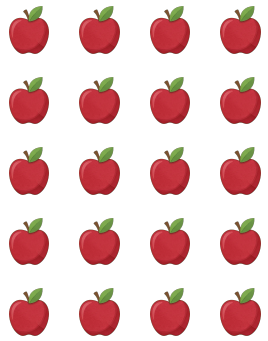
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Division and Multiplication Relationship

Answer Key - Grade 3 Math Worksheet - Building Confidence

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

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



20 ÷ 2 = 5 20 ÷ 5 = 3 **20 ÷ 5 = 4**

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

8 **7** 60

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

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

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

5 × 8 = 35 **5 × 7 = 35** 5 × 6 = 35

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

6 ÷ 2 = 3 **12 ÷ 6 = 2** 6 × 3 = 18

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

16 ÷ 2 = 9 **16 ÷ 2 = 8** 16 ÷ 4 = 2

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

9 × 2 = 16 **8 × 2 = 16** 7 × 2 = 16

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

2

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

40 ÷ 10 = 3 **40 ÷ 10 = 4** 40 ÷ 4 = 8