Division and Multiplication Relationship

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

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

1. Which equation has the same unknown as 7 × __ = 63?
   63 × 7 = __ 7 ÷ 63 = __ 63 ÷ 7 = __ 63 − 7 = __

2. Most fact families have four facts. Which numbers make a family with only two facts?
   6, 7 and 42 6, 8 and 48 7, 9 and 63 8, 8 and 64

3. Rosa has 36 beads. Each bracelet uses 6 beads. Which equation finds the number of bracelets?
   36 × 6 = __ __ × 6 = 36 36 − 6 = __ __ ÷ 6 = 36

4. Jo knows 8 × 9 = 72. Which pair of problems can she solve with it?
   72 ÷ 8 and 72 ÷ 9 72 ÷ 6 and 72 ÷ 9 72 ÷ 8 and 81 ÷ 9 64 ÷ 8 and 72 ÷ 9

5. Find the missing number: __ × 7 = 56.

   _____

6. Why is 63 ÷ 7 = 9 true?
   7 groups of 8 make 63 63 take away 7 is 9
   7 groups of 9 make 63 9 groups of 8 make 63

7. Which three numbers make a fact family?
   7, 8 and 54 7, 9 and 56 6, 8 and 42 7, 8 and 56

8. A fact family has 6 × 9 = 54, 9 × 6 = 54 and 54 ÷ 6 = 9. Which fact is missing?
   54 ÷ 6 = 9 54 ÷ 9 = 5 54 ÷ 9 = 6 54 ÷ 9 = 7

9. Find the missing number: 64 ÷ __ = 8.

   _____

10. Which number goes in the blank? __ ÷ 9 = 9
    72 81 1 18

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Answer Key - Grade 3 Math Worksheet - Challenge Me

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

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   63 × 7 = __ 7 ÷ 63 = __ **63 ÷ 7 = __** 63 − 7 = __

2. Most fact families have four facts. Which numbers make a family with only two facts?
   6, 7 and 42 6, 8 and 48 7, 9 and 63 **8, 8 and 64**

3. Rosa has 36 beads. Each bracelet uses 6 beads. Which equation finds the number of bracelets?
   36 × 6 = __ **__ × 6 = 36** 36 − 6 = __ __ ÷ 6 = 36

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   7 groups of 8 make 63 63 take away 7 is 9
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7. Which three numbers make a fact family?
   7, 8 and 54 7, 9 and 56 6, 8 and 42 **7, 8 and 56**

8. A fact family has 6 × 9 = 54, 9 × 6 = 54 and 54 ÷ 6 = 9. Which fact is missing?
   54 ÷ 6 = 9 54 ÷ 9 = 5 **54 ÷ 9 = 6** 54 ÷ 9 = 7

9. Find the missing number: 64 ÷ __ = 8.

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10. Which number goes in the blank? __ ÷ 9 = 9
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