Division and Multiplication Relationship

Grade 3 Math Worksheet

Name _____ Date _____

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

1. Which division fact is related to 7 × 6 = 42?

   42 ÷ 7 = 5 42 ÷ 6 = 8 42 ÷ 7 = 6 36 ÷ 6 = 7

2. If 4 × 9 = 36, which division fact is also true?

   36 ÷ 6 = 4 36 ÷ 4 = 9 36 ÷ 4 = 8 36 ÷ 9 = 5

3. Which number makes both facts true? 3 × __ = 27 and 27 ÷ 3 = __

   8 9 7 24

4. This array shows 5 rows of stars. Which three numbers make its fact family?



   5, 8 and 40 5, 9 and 45 5, 9 and 14 6, 9 and 54

5. Find the missing number: 28 ÷ __ = 4.

   _____

6. Which multiplication fact checks 42 ÷ 6 = 7?

   6 × 8 = 42 7 × 7 = 42 6 × 7 = 42 6 × 6 = 42

7. Which fact is in the same fact family as 3 × 8 = 24?

   24 ÷ 2 = 12 24 ÷ 6 = 4 3 × 9 = 27 24 ÷ 3 = 8

8. A baker puts 54 muffins on 9 trays, the same on each. Which fact checks 6 muffins per tray?

9 × 5 = 54 8 × 6 = 54 9 × 6 = 54 9 × 7 = 54

9. Kim knows 7 × 8 = 56. Which division problem can she solve with it?

63 ÷ 8 56 ÷ 8 48 ÷ 8 56 ÷ 6

10. Which missing-factor problem matches 63 ÷ 9 = __?

9 × __ = 63 9 × 63 = __ 63 × __ = 9 __ × 63 = 9

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Answer Key - Grade 3 Math Worksheet

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

1. Which division fact is related to 7 × 6 = 42?

   42 ÷ 7 = 5 　 42 ÷ 6 = 8 　 **42 ÷ 7 = 6** 　 36 ÷ 6 = 7

2. If 4 × 9 = 36, which division fact is also true?

   36 ÷ 6 = 4 　 **36 ÷ 4 = 9** 　 36 ÷ 4 = 8 　 36 ÷ 9 = 5

3. Which number makes both facts true? 3 × __ = 27 and 27 ÷ 3 = __

   8 　 **9** 　 7 　 24

4. This array shows 5 rows of stars. Which three numbers make its fact family?



   5, 8 and 40 　 **5, 9 and 45** 　 5, 9 and 14 　 6, 9 and 54

5. Find the missing number: 28 ÷ __ = 4.

   7

6. Which multiplication fact checks 42 ÷ 6 = 7?

   6 × 8 = 42 　 7 × 7 = 42 　 **6 × 7 = 42** 　 6 × 6 = 42

7. Which fact is in the same fact family as 3 × 8 = 24?

   24 ÷ 2 = 12 　 24 ÷ 6 = 4 　 3 × 9 = 27 　 **24 ÷ 3 = 8**

8. A baker puts 54 muffins on 9 trays, the same on each. Which fact checks 6 muffins per tray?

9 × 5 = 54 8 × 6 = 54 **9 × 6 = 54** 9 × 7 = 54

9. Kim knows 7 × 8 = 56. Which division problem can she solve with it?

63 ÷ 8 **56 ÷ 8** 48 ÷ 8 56 ÷ 6

10. Which missing-factor problem matches 63 ÷ 9 = __?

9 × __ = 63 9 × 63 = __ 63 × __ = 9 __ × 63 = 9