Division and Multiplication Relationship

Grade 3 Math Worksheet

Name _____ Date _____

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

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

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

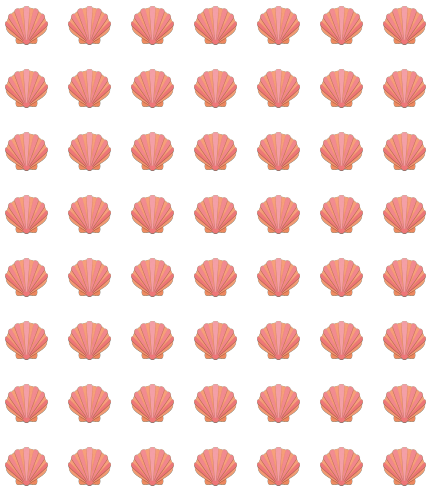
2. Which number makes both facts true? 3 × __ = 27 and 27 ÷ 3 = __

   9 24 8 7

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

   48 ÷ 8 56 ÷ 8 56 ÷ 6 63 ÷ 8

4. This array has 8 rows of shells. Which division fact finds the shells in each row?



   56 ÷ 7 = 9 56 ÷ 8 = 7 48 ÷ 8 = 7 56 ÷ 8 = 6

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



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

6. Find the missing factor: __ × 6 = 54.

_____

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

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

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

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

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

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

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

_____

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Division and Multiplication Relationship

Answer Key - Grade 3 Math Worksheet

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

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

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

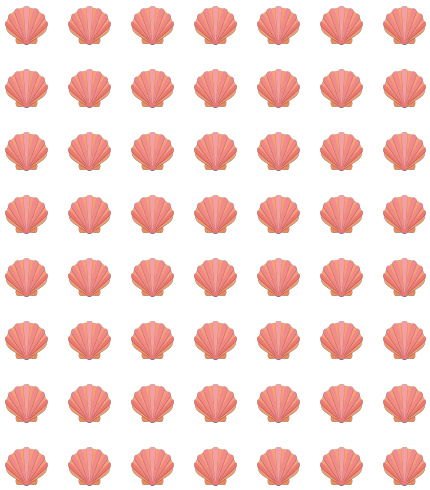
2. Which number makes both facts true? 3 × __ = 27 and 27 ÷ 3 = __

   9 24 8 7

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

   48 ÷ 8 **56 ÷ 8** 56 ÷ 6 63 ÷ 8

4. This array has 8 rows of shells. Which division fact finds the shells in each row?



   56 ÷ 7 = 9 **56 ÷ 8 = 7** 48 ÷ 8 = 7 56 ÷ 8 = 6

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



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

6. Find the missing factor: __ × 6 = 54.

9

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

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

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

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

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

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

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

7