Division and Multiplication Relationship

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

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

1. Mo has 6 bags with 9 marbles in each. He shares all the marbles equally among 9 friends. How many does each friend get?

_____

2. Jo knows 8 × 9 = 72. Which pair of problems can she solve with it?

64 ÷ 8 and 72 ÷ 9 72 ÷ 8 and 81 ÷ 9 72 ÷ 6 and 72 ÷ 9 72 ÷ 8 and 72 ÷ 9

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

_____

4. Leo says 56 ÷ 8 = 6. Which reason shows he is wrong?

8 groups of 6 make 48, not 56

8 groups of 6 make 54, not 56

6 groups of 9 make 56, not 54

8 groups of 7 make 63, not 56

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

_____

6. Find the missing number: 48 = 6 × __.

_____

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

72 18 81 1

8. Which three numbers make a fact family?

7, 8 and 54 6, 8 and 42 7, 9 and 56 7, 8 and 56

9. Which equation has the same unknown as 7 × __ = 63?

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

10. This array has 7 rows of leaves. Which two division facts does it show?



48 ÷ 8 = 6 and 48 ÷ 6 = 8

42 ÷ 7 = 5 and 42 ÷ 5 = 7

42 ÷ 7 = 6 and 42 ÷ 6 = 8

42 ÷ 7 = 6 and 42 ÷ 6 = 7

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 - Challenge Me

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

1. Mo has 6 bags with 9 marbles in each. He shares all the marbles equally among 9 friends. How many does each friend get?

   6

2. Jo knows 8 × 9 = 72. Which pair of problems can she solve with it?

   64 ÷ 8 and 72 ÷ 9 72 ÷ 8 and 81 ÷ 9 72 ÷ 6 and 72 ÷ 9 **72 ÷ 8 and 72 ÷ 9**

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

   8

4. Leo says 56 ÷ 8 = 6. Which reason shows he is wrong?

   8 groups of 6 make 48, not 56
   8 groups of 6 make 54, not 56
   6 groups of 9 make 56, not 54
   8 groups of 7 make 63, not 56

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

   8

6. Find the missing number: 48 = 6 × __.

   8

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

   72 18 **81** 1

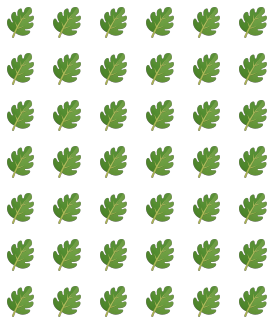
8. Which three numbers make a fact family?

   7, 8 and 54 6, 8 and 42 7, 9 and 56 **7, 8 and 56**

9. Which equation has the same unknown as 7 × __ = 63?

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

10. This array has 7 rows of leaves. Which two division facts does it show?



    48 ÷ 8 = 6 and 48 ÷ 6 = 8 42 ÷ 7 = 5 and 42 ÷ 5 = 7 42 ÷ 7 = 6 and 42 ÷ 6 = 8
    42 ÷ 7 = 6 and 42 ÷ 6 = 7