Division and Multiplication Relationship

Grade 3 Math Worksheet - Challenge Me

Name _____ Date _____

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

1. 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

2. Rosa has 36 beads. Each bracelet uses 6 beads. Which equation finds the number of bracelets?

__ ÷ 6 = 36

36 − 6 = __

36 × 6 = __

__ × 6 = 36

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

_____

4. Why is 63 ÷ 7 = 9 true?

7 groups of 9 make 63

63 take away 7 is 9

9 groups of 8 make 63

7 groups of 8 make 63

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

_____

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

18 72 1 81

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

_____

8. 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

9. Which three numbers make a fact family?

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

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

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

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Answer Key - Grade 3 Math Worksheet - Challenge Me

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2. Rosa has 36 beads. Each bracelet uses 6 beads. Which equation finds the number of bracelets?

__ ÷ 6 = 36 | 36 − 6 = __ | 36 × 6 = __ | **__ × 6 = 36**

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

8

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9 groups of 8 make 63 | 7 groups of 8 make 63

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8. 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

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

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