

Multiplication and Division Fact Families - Practice Worksheet

Name: _____ Date: _____

Instructions: Write all four fact-family equations for each set of three numbers. Show both multiplication facts and both division facts.

1. Numbers: 2, 5, 10

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2. Numbers: 3, 6, 18

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3. Numbers: 4, 7, 28

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4. Numbers: 5, 9, 45

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5. Numbers: 6, 8, 48

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6. Numbers: 7, 7, 49 (square number - how many facts?)

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7. Numbers: 9, 6, 54

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8. Fill the blank: $8 \times \underline{\quad} = 72$, $\underline{\quad} \times 8 = 72$, $72 \div 8 = \underline{\quad}$, $72 \div \underline{\quad} = 8$

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9. Fill the blank: $\underline{\quad} \times 7 = 63$, $7 \times \underline{\quad} = 63$, $63 \div 7 = \underline{\quad}$, $63 \div \underline{\quad} = 7$

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10. Challenge: One fact in the family is $11 \times 12 = 132$. Write all four facts.

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Answer Key

1. $2 \times 5 = 10$, $5 \times 2 = 10$, $10 \div 2 = 5$, $10 \div 5 = 2$

2. $3 \times 6 = 18$, $6 \times 3 = 18$, $18 \div 3 = 6$, $18 \div 6 = 3$

3. $4 \times 7 = 28$, $7 \times 4 = 28$, $28 \div 4 = 7$, $28 \div 7 = 4$

4. $5 \times 9 = 45$, $9 \times 5 = 45$, $45 \div 5 = 9$, $45 \div 9 = 5$

5. $6 \times 8 = 48$, $8 \times 6 = 48$, $48 \div 6 = 8$, $48 \div 8 = 6$

6. $7 \times 7 = 49$, $49 \div 7 = 7$ (only 2 unique facts, not 4, because both factors are the same)

7. $9 \times 6 = 54$, $6 \times 9 = 54$, $54 \div 9 = 6$, $54 \div 6 = 9$

8. $8 \times 9 = 72$, $9 \times 8 = 72$, $72 \div 8 = 9$, $72 \div 9 = 8$

9. $9 \times 7 = 63$, $7 \times 9 = 63$, $63 \div 7 = 9$, $63 \div 9 = 7$

10. $11 \times 12 = 132$, $12 \times 11 = 132$, $132 \div 11 = 12$, $132 \div 12 = 11$