Cotuz

Name: Date:

Multiplication and Division Fact Families and Properties

Grade 3 · Ages 8-9 · Math · Arithmetic · ★☆

A fact family has two factors and a product: $4 \times 7 = 28$, $7 \times 4 = 28$, $28 \div 4 = 7$, $28 \div 7 = 4$. Use the fact you are given to write the missing number on the line.

1. $36 \div 9 = 4$, so $36 \div 4 =$ _____

2. $7 \times 5 = 35$, so $35 \div 5 =$ _____

3. $18 \div 3 = 6$, so $6 \times 3 =$ _____

4. $12 \div 3 = 4$, so $4 \times 3 =$ _____

5. $40 \div 5 = 8$, so $40 \div 8 =$ _____

6. $3 \times 5 = 15$, so $15 \div 5 =$ _____

7. $6 \div 3 = 2$, so $2 \times 3 =$ _____

8. $30 \div 10 = 3$, so $30 \div 3 =$ _____

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

10. $12 \div 4 = 3$, so $12 \div 3 =$ _____

11. $7 \times 3 = 3 \times$ _____

12. Which number completes the fact family 4, 5, _____ (factor, factor, product)?

13. Which number completes the fact family 10, 5, _____ (factor, factor, product)?

14. $5 \times 9 = 9 \times$ _____

15. Which number completes the fact family _____, 7, 42 (factor, factor, product)?

16. $4 \times 2 = 2 \times$ _____

17. Which number completes the fact family 10, 3, _____ (factor, factor, product)?

18. $2 \times 3 = 3 \times$ _____

19. $5 \times 10 = 10 \times$ _____

20. Which number completes the fact family 5, _____, 40 (factor, factor, product)?

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ANSWER KEY

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1. 36 ÷ 9 = 4, so 36 ÷ 4 = **9**

2. 7 × 5 = 35, so 35 ÷ 5 = **7**

3. 18 ÷ 3 = 6, so 6 × 3 = **18**

4. 12 ÷ 3 = 4, so 4 × 3 = **12**

5. 40 ÷ 5 = 8, so 40 ÷ 8 = **5**

6. 3 × 5 = 15, so 15 ÷ 5 = **3**

7. 6 ÷ 3 = 2, so 2 × 3 = **6**

8. 30 ÷ 10 = 3, so 30 ÷ 3 = **10**

9. 9 × 8 = 72, so 72 ÷ 8 = **9**

10. 12 ÷ 4 = 3, so 12 ÷ 3 = **4**

11. 7 × 3 = 3 × **7**

12. Which number completes the fact family 4, 5, **20** (factor, factor, product)?

13. Which number completes the fact family 10, 5, **50** (factor, factor, product)?

14. 5 × 9 = 9 × **5**

15. Which number completes the fact family **6**, 7, 42 (factor, factor, product)?

16. 4 × 2 = 2 × **4**

17. Which number completes the fact family 10, 3, **30** (factor, factor, product)?

18. 2 × 3 = 3 × **2**

19. 5 × 10 = 10 × **5**

20. Which number completes the fact family 5, **8**, 40 (factor, factor, product)?