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 × 7 = 28, 7 × 4 = 28, 28 ÷ 4 = 7, 28 ÷ 7 = 4. Use the fact you are given to write the missing number on the line.

1. 36 ÷ 9 = 4, so 36 ÷ 4 = _____

2. 7 × 5 = 35, so 35 ÷ 5 = _____

3. 18 ÷ 3 = 6, so 6 × 3 = _____

4. 12 ÷ 3 = 4, so 4 × 3 = _____

5. 40 ÷ 5 = 8, so 40 ÷ 8 = _____

6. 3 × 5 = 15, so 15 ÷ 5 = _____

7. 6 ÷ 3 = 2, so 2 × 3 = _____

8. 30 ÷ 10 = 3, so 30 ÷ 3 = _____

9. 9 × 8 = 72, so 72 ÷ 8 = _____

10. 12 ÷ 4 = 3, so 12 ÷ 3 = _____

11. 7 × 3 = 3 × _____

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 × 9 = 9 × _____

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

16. 4 × 2 = 2 × _____

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

18. 2 × 3 = 3 × _____

19. 5 × 10 = 10 × _____

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)?