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.** $63 \div 7 = 9$, so $63 \div 9 =$ _____

**2.** $2 \times 8 = 16$, so $16 \div 8 =$ _____

**3.** $20 \div 10 = 2$, so $2 \times 10 =$ _____

**4.** $12 \div 2 = 6$, so $6 \times 2 =$ _____

**5.** $30 \div 3 = 10$, so $30 \div 10 =$ _____

**6.** $4 \times 8 = 32$, so $32 \div 8 =$ _____

**7.** $8 \times 7 = 56$, so $56 \div 7 =$ _____

**8.** $15 \div 5 = 3$, so $15 \div 3 =$ _____

**9.** $16 \div 8 = 2$, so $2 \times 8 =$ _____

**10.** $80 \div 10 = 8$, so $8 \times 10 =$ _____

**11.** $6 \times 8 = 8 \times$ _____

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

**13.** Which number completes the fact family 7, 3, _____ (factor, factor, product)?

**14.** $2 \times 10 = 10 \times$ _____

**15.** Which number completes the fact family 4, 9, _____ (factor, factor, product)?

**16.** $10 \times 9 = 9 \times$ _____

**17.** Which number completes the fact family _____, 10, 70 (factor, factor, product)?

**18.** $4 \times 6 = 6 \times$ _____

**19.** $9 \times 2 = 2 \times$ _____

**20.** Which number completes the fact family 6, _____, 48 (factor, factor, product)?

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ANSWER KEY

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**1.** 63 ÷ 7 = 9, so 63 ÷ 9 = **7**

**2.** 2 × 8 = 16, so 16 ÷ 8 = **2**

**3.** 20 ÷ 10 = 2, so 2 × 10 = **20**

**4.** 12 ÷ 2 = 6, so 6 × 2 = **12**

**5.** 30 ÷ 3 = 10, so 30 ÷ 10 = **3**

**6.** 4 × 8 = 32, so 32 ÷ 8 = **4**

**7.** 8 × 7 = 56, so 56 ÷ 7 = **8**

**8.** 15 ÷ 5 = 3, so 15 ÷ 3 = **5**

**9.** 16 ÷ 8 = 2, so 2 × 8 = **16**

**10.** 80 ÷ 10 = 8, so 8 × 10 = **80**

**11.** 6 × 8 = 8 × **6**

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

**13.** Which number completes the fact family 7, 3, **21** (factor, factor, product)?

**14.** 2 × 10 = 10 × **2**

**15.** Which number completes the fact family 4, 9, **36** (factor, factor, product)?

**16.** 10 × 9 = 9 × **10**

**17.** Which number completes the fact family **7**, 10, 70 (factor, factor, product)?

**18.** 4 × 6 = 6 × **4**

**19.** 9 × 2 = 2 × **9**

**20.** Which number completes the fact family 6, **8**, 48 (factor, factor, product)?