

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

### Multiplication Strategies :: Associative Property

$$1. \quad 5 \times 2 \times 2 = \boxed{10} \times 2 = \boxed{20}$$

$$2. \quad 9 \times 3 \times 4 = 9 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$3. \quad 5 \times 3 \times 9 = \boxed{\phantom{00}} \times 9 = \boxed{\phantom{00}}$$

$$4. \quad 2 \times 3 \times 5 = 2 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$5. \quad 6 \times 2 \times 10 = \boxed{\phantom{00}} \times 10 = \boxed{\phantom{00}}$$

$$6. \quad 6 \times 2 \times 5 = 6 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$7. \quad 4 \times 3 \times 10 = \boxed{\phantom{00}} \times 10 = \boxed{\phantom{00}}$$

$$8. \quad 12 \times 3 \times 5 = 12 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

## Answers

$$1. \quad 5 \times 2 \times 2 = \boxed{10} \times 2 = \boxed{20}$$

$$2. \quad 9 \times 3 \times 4 = 9 \times \boxed{12} = \boxed{108}$$

$$3. \quad 5 \times 3 \times 9 = \boxed{15} \times 9 = \boxed{135}$$

$$4. \quad 2 \times 3 \times 5 = 2 \times \boxed{15} = \boxed{30}$$

$$5. \quad 6 \times 2 \times 10 = \boxed{12} \times 10 = \boxed{120}$$

$$6. \quad 6 \times 2 \times 5 = 6 \times \boxed{10} = \boxed{60}$$

$$7. \quad 4 \times 3 \times 10 = \boxed{12} \times 10 = \boxed{120}$$

$$8. \quad 12 \times 3 \times 5 = 12 \times \boxed{15} = \boxed{180}$$