

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

### Multiplication Strategies :: Associative Property

$$1. \quad 2 \times 2 \times 4 = \boxed{4} \times 4 = \boxed{16}$$

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

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

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

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

$$6. \quad 2 \times 4 \times 3 = 2 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$7. \quad 3 \times 2 \times 9 = \boxed{\phantom{00}} \times 9 = \boxed{\phantom{00}}$$

$$8. \quad 1 \times 2 \times 5 = 1 \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

## Answers

$$1. \quad 2 \times 2 \times 4 = \boxed{4} \times 4 = \boxed{16}$$

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

$$3. \quad 5 \times 2 \times 4 = \boxed{10} \times 4 = \boxed{40}$$

$$4. \quad 10 \times 3 \times 3 = 10 \times \boxed{9} = \boxed{90}$$

$$5. \quad 4 \times 2 \times 4 = \boxed{8} \times 4 = \boxed{32}$$

$$6. \quad 2 \times 4 \times 3 = 2 \times \boxed{12} = \boxed{24}$$

$$7. \quad 3 \times 2 \times 9 = \boxed{6} \times 9 = \boxed{54}$$

$$8. \quad 1 \times 2 \times 5 = 1 \times \boxed{10} = \boxed{10}$$