

Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Commutative and Associative Property**

Sheet 1

Use commutative or associative property of multiplication to fill in the missing number.

|   |   |
|---|---|
| 1) $9 \times 2 = \underline{\quad} \times 9$                          | 2) $10 \times (3 \times 5) = (10 \times 3) \times \underline{\quad}$  |
| 3) $\underline{\quad} \times (8 \times 4) = (10 \times 8) \times 4$   | 4) $5 \times \underline{\quad} = 6 \times 5$                          |
| 5) $3 \times 7 = 7 \times \underline{\quad}$                          | 6) $4 \times (6 \times 7) = (\underline{\quad} \times 6) \times 7$    |
| 7) $10 \times (\underline{\quad} \times 4) = (10 \times 6) \times 4$  | 8) $\underline{\quad} \times 7 = 7 \times 2$                          |
| 9) $8 \times 4 = \underline{\quad} \times 8$                          | 10) $\underline{\quad} \times (9 \times 11) = (6 \times 9) \times 11$ |
| 11) $5 \times (8 \times 10) = (\underline{\quad} \times 8) \times 10$ | 12) $13 \times \underline{\quad} = 2 \times 13$                       |
| 13) $\underline{\quad} \times 6 = 6 \times 9$                         | 14) $5 \times (8 \times \underline{\quad}) = (5 \times 8) \times 3$   |
| 15) $6 \times (5 \times 7) = (6 \times \underline{\quad}) \times 7$   | 16) $11 \times 9 = 9 \times \underline{\quad}$                        |
| 17) $8 \times 3 = \underline{\quad} \times 8$                         | 18) $4 \times (3 \times 8) = (4 \times 3) \times \underline{\quad}$   |
| 19) $7 \times (4 \times 6) = (7 \times \underline{\quad}) \times 6$   | 20) $7 \times \underline{\quad} = 5 \times 7$                         |

Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Answer key**

**Commutative and Associative Property**

Sheet 1

|   |   |
|---|---|
| 1) $9 \times 2 = 2 \times 9$                          | 2) $10 \times (3 \times 5) = (10 \times 3) \times 5$  |
| 3) $10 \times (8 \times 4) = (10 \times 8) \times 4$  | 4) $5 \times 6 = 6 \times 5$                          |
| 5) $3 \times 7 = 7 \times 3$                          | 6) $4 \times (6 \times 7) = (4 \times 6) \times 7$    |
| 7) $10 \times (6 \times 4) = (10 \times 6) \times 4$  | 8) $2 \times 7 = 7 \times 2$                          |
| 9) $8 \times 4 = 4 \times 8$                          | 10) $6 \times (9 \times 11) = (6 \times 9) \times 11$ |
| 11) $5 \times (8 \times 10) = (5 \times 8) \times 10$ | 12) $13 \times 2 = 2 \times 13$                       |
| 13) $9 \times 6 = 6 \times 9$                         | 14) $5 \times (8 \times 3) = (5 \times 8) \times 3$   |
| 15) $6 \times (5 \times 7) = (6 \times 5) \times 7$   | 16) $11 \times 9 = 9 \times 11$                       |
| 17) $8 \times 3 = 3 \times 8$                         | 18) $4 \times (3 \times 8) = (4 \times 3) \times 8$   |
| 19) $7 \times (4 \times 6) = (7 \times 4) \times 6$   | 20) $7 \times 5 = 5 \times 7$                         |