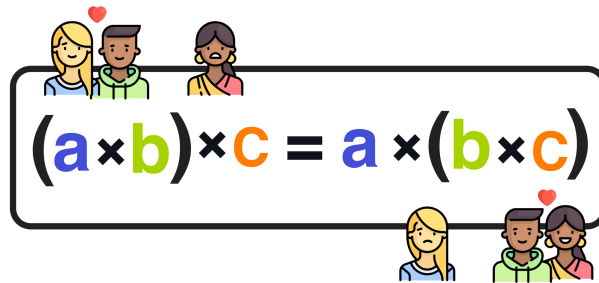


Name: \_\_\_\_\_

## The Associative Property of Multiplication



**Directions:** Use the associative property to fill in the missing value in each example below.

- 1.)  $(\underline{\quad} \times 7) \times 5 = \underline{\quad} \times (3 \times 5)$
- 2.)  $(6 \times 2) \times \underline{\quad} = (\underline{\quad} \times 4) \times 6$
- 3.)  $(\underline{\quad} \times 9) \times 5 = (\underline{\quad} \times 5) \times 3$
- 4.)  $7 \times (\underline{\quad} \times 10) = \underline{\quad} \times (7 \times 13)$
- 5.)  $(\underline{\quad} \times 17) \times 21 = 21 \times (\underline{\quad} \times 12)$
- 6.)  $\underline{\quad} \times (26 \times 14) = 14 \times (\underline{\quad} \times 8)$
- 7.)  $(29 \times \underline{\quad}) \times 5 = 29 \times (\underline{\quad} \times 33)$
- 8.)  $(\underline{\quad} \times 6) \times 5 = (\underline{\quad} \times 4) \times 5$
- 9.)  $(\underline{\quad} \times 46) \times 78 = (\underline{\quad} \times 27) \times 78$
- 10.)  $\underline{\quad} \times (4 \times 22) = (4 \times 25) \times \underline{\quad}$

## ANSWER KEY

1.)  $(3 \times 7) \times 5 = 7 \times (3 \times 5)$

2.)  $(6 \times 2) \times 4 = (2 \times 4) \times 6$

3.)  $(3 \times 9) \times 5 = (9 \times 5) \times 3$

4.)  $7 \times (13 \times 10) = 10 \times (7 \times 13)$

5.)  $(12 \times 17) \times 21 = 21 \times (17 \times 12)$

6.)  $8 \times (26 \times 14) = 14 \times (26 \times 8)$

7.)  $(29 \times 33) \times 5 = 29 \times (5 \times 33)$

8.)  $(4 \times 6) \times 5 = (6 \times 4) \times 5$

9.)  $(27 \times 46) \times 78 = (46 \times 27) \times 78$

10.)  $25 \times (4 \times 22) = (4 \times 25) \times 22$