

Name _____

Properties of Multiplication

Use the associative property of multiplications to fill in the missing numbers.

- 1) (___ x 4) x 8 = (___ x 3) x 8
- 2) 6 x (___ x 5) = (___ x 6) x 7
- 3) (___ x 9) x 4 = (___ x 3) x 9
- 4) (3 x ___) x 5 = (___ x 8) x 5
- 5) (___ x 2) x 3 = 3 x (___ x 5)
- 6) 5 x (___ x 6) = (___ x 7) x 6
- 7) (___ x 3) x 7 = 2 x (___ x 3)
- 8) 3 x (___ x 4) = (___ x 3) x 6
- 9) (5 x ___) x 6 = (___ x 5) x 9
- 10) (___ x 7) x 5 = 3 x (___ x 5)
- 11) (5 x ___) x 2 = (___ x 5) x 8
- 12) (___ x 6) x 3 = (___ x 6) x 4
- 13) 4 x (___ x 8) = 8 x (___ x 7)
- 14) 5 x (___ x 3) = (___ x 9) x 5
- 15) (___ x 2) x 9 = 9 x (___ x 6)