

Multiplication - associative property

Grade 4 Math Worksheet

Use the associative property to fill the missing values.

1) $(_ \times 3) \times 8 = (_ \times 3) \times 6$

2) $(76 \times _) \times 9 = (_ \times 3) \times 76$

3) $(_ \times 87) \times 17 = 17 \times (_ \times 4)$

4) $_ \times (14 \times 90) = 90 \times (_ \times 9)$

5) $(89 \times _) \times 8 = 8 \times (_ \times 43)$

6) $(_ \times 7) \times 6 = (_ \times 5) \times 6$

7) $(_ \times 46) \times 87 = (_ \times 37) \times 87$

8) $_ \times (38 \times 59) = _ \times (6 \times 38)$

9) $_ \times (4 \times 52) = (4 \times 57) \times _$

10) $_ \times (52 \times 4) = 52 \times (_ \times 5)$

Does the associative property apply to addition questions?
Answer and show an example.