

## Multiplication Worksheets (Associative Property)

Solve the following pairs of problems. Circle the pairs where both problems have the same answer.

1. a.  $7 + (6 + 4)$

b.  $(7 + 6) + 4$

5. a.  $(3 + 2) \times 5$

b.  $3 + (2 \times 5)$

2. a.  $(3 \times 2) \times 4$

b.  $3 \times (2 \times 4)$

6. a.  $(8 \div 2) \times 2$

b.  $8 \div (2 \times 2)$

3. a.  $(2 \times 1) \times 5$

b.  $2 \times (1 \times 5)$

7. a.  $(9 - 5) + 3$

b.  $9 - (5 + 3)$

4. a.  $(4 \times 2) \times 2$

b.  $4 \times (2 \times 2)$

8. a.  $(8 \times 5) - 4$

b.  $8 \times (5 - 4)$

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Solve the following pairs of problems. Circle the pairs where both problems have the same answer.

1. a.  $7 + (6 + 4)$  17  
b.  $(7 + 6) + 4$  17

5. a.  $(3 + 2) \times 5$  25  
b.  $3 + (2 \times 5)$  30

2. a.  $(3 \times 2) \times 4$  24  
b.  $3 \times (2 \times 4)$  24

6. a.  $(8 \div 2) \times 2$  8  
b.  $8 \div (2 \times 2)$  2

3. a.  $(2 \times 1) \times 5$  10  
b.  $2 \times (1 \times 5)$  10

7. a.  $(9 - 5) + 3$  7  
b.  $9 - (5 + 3)$  1

4. a.  $(4 \times 2) \times 2$  16  
b.  $4 \times (2 \times 2)$  16

8. a.  $(8 \times 5) - 4$  36  
b.  $8 \times (5 - 4)$  8