



Rewrite the expression using the distributive property of multiplication and then solve.

Answers

1)  $9 \times (3 + 9)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

1a. \_\_\_\_\_

1b. \_\_\_\_\_

2)  $8 \times (2 + 7)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

2a. \_\_\_\_\_

2b. \_\_\_\_\_

3)  $6 \times (5 + 6)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

3a. \_\_\_\_\_

3b. \_\_\_\_\_

4)  $7 \times (2 + 9)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

4a. \_\_\_\_\_

4b. \_\_\_\_\_

5)  $2 \times (4 + 5)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

5a. \_\_\_\_\_

5b. \_\_\_\_\_

6)  $2 \times (4 + 9)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

6a. \_\_\_\_\_

6b. \_\_\_\_\_

7)  $5 \times (4 + 2)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

7a. \_\_\_\_\_

7b. \_\_\_\_\_

8)  $9 \times (4 + 4)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

8a. \_\_\_\_\_

8b. \_\_\_\_\_

9)  $2 \times (8 + 9)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

9a. \_\_\_\_\_

9b. \_\_\_\_\_

10)  $7 \times (8 + 7)$

\_\_\_\_\_   
 Distributive Property

\_\_\_\_\_   
 Answer

10a. \_\_\_\_\_

10b. \_\_\_\_\_

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

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

**Commutative and Associative Property**

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) $7 \times \underline{\quad} = 5 \times 7$