Determining Distributive Property

Name:

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

1) $7 \times (8 + 6)$

_____
Distributive Property

_____
Answer

2) $8 \times (3 + 9)$

_____
Distributive Property

_____
Answer

3) $2 \times (9 + 2)$

_____
Distributive Property

_____
Answer

4) $8 \times (5 + 5)$

_____
Distributive Property

_____
Answer

5) $6 \times (6 + 4)$

_____
Distributive Property

_____
Answer

6) $8 \times (9 + 4)$

_____
Distributive Property

_____
Answer

7) $8 \times (3 + 9)$

_____
Distributive Property

_____
Answer

8) $7 \times (4 + 3)$

_____
Distributive Property

_____
Answer

9) $4 \times (4 + 3)$

_____
Distributive Property

_____
Answer

10) $5 \times (7 + 3)$

_____
Distributive Property

_____
Answer

1. _____ _____

2. _____ _____

3. _____ _____

4. _____ _____

5. _____ _____

6. _____ _____

7. _____ _____

8. _____ _____

9. _____ _____

10. _____ _____

Math

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

Name: **Answer Key**

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

Answers

1) $7 \times (8 + 6)$

$\underline{(7 \times 8) + (7 \times 6)}$
Distributive Property

$\underline{98}$
Answer

2) $8 \times (3 + 9)$

$\underline{(8 \times 3) + (8 \times 9)}$
Distributive Property

$\underline{96}$
Answer

3) $2 \times (9 + 2)$

$\underline{(2 \times 9) + (2 \times 2)}$
Distributive Property

$\underline{22}$
Answer

4) $8 \times (5 + 5)$

$\underline{(8 \times 5) + (8 \times 5)}$
Distributive Property

$\underline{80}$
Answer

5) $6 \times (6 + 4)$

$\underline{(6 \times 6) + (6 \times 4)}$
Distributive Property

$\underline{60}$
Answer

6) $8 \times (9 + 4)$

$\underline{(8 \times 9) + (8 \times 4)}$
Distributive Property

$\underline{104}$
Answer

7) $8 \times (3 + 9)$

$\underline{(8 \times 3) + (8 \times 9)}$
Distributive Property

$\underline{96}$
Answer

8) $7 \times (4 + 3)$

$\underline{(7 \times 4) + (7 \times 3)}$
Distributive Property

$\underline{49}$
Answer

9) $4 \times (4 + 3)$

$\underline{(4 \times 4) + (4 \times 3)}$
Distributive Property

$\underline{28}$
Answer

10) $5 \times (7 + 3)$

$\underline{(5 \times 7) + (5 \times 3)}$
Distributive Property

$\underline{50}$
Answer

1. $\underline{(7 \times 8) + (7 \times 6)}$ **98**

2. $\underline{(8 \times 3) + (8 \times 9)}$ **96**

3. $\underline{(2 \times 9) + (2 \times 2)}$ **22**

4. $\underline{(8 \times 5) + (8 \times 5)}$ **80**

5. $\underline{(6 \times 6) + (6 \times 4)}$ **60**

6. $\underline{(8 \times 9) + (8 \times 4)}$ **104**

7. $\underline{(8 \times 3) + (8 \times 9)}$ **96**

8. $\underline{(7 \times 4) + (7 \times 3)}$ **49**

9. $\underline{(4 \times 4) + (4 \times 3)}$ **28**

10. $\underline{(5 \times 7) + (5 \times 3)}$ **50**

Math

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |