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

1) $3 \times (8 + 6)$

_____   _____
Distributive Property   Answer

1. _____ _____

2) $5 \times (8 + 9)$

_____   _____
Distributive Property   Answer

2. _____ _____

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

_____   _____
Distributive Property   Answer

3. _____ _____

4. _____ _____

4) $8 \times (2 + 9)$

_____   _____
Distributive Property   Answer

5. _____ _____

5) $8 \times (6 + 3)$

_____   _____
Distributive Property   Answer

6. _____ _____

7. _____ _____

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

_____   _____
Distributive Property   Answer

8. _____ _____

9. _____ _____

7) $2 \times (3 + 7)$

_____   _____
Distributive Property   Answer

10. _____ _____

8) $5 \times (9 + 7)$

_____   _____
Distributive Property   Answer

9) $2 \times (5 + 3)$

_____   _____
Distributive Property   Answer

10) $2 \times (4 + 8)$

_____   _____
Distributive Property   Answer

Math   www.CommonCoreSheets.com

Name: **Answer Key**

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

Answers

1) $3 \times (8 + 6)$

$\underline{(3×8) + (3×6)}$ $\underline{42}$

Distributive Property   Answer

1. $\underline{(3×8) + (3×6)}$ **42**

2) $5 \times (8 + 9)$

$\underline{(5×8) + (5×9)}$ $\underline{85}$

Distributive Property   Answer

2. $\underline{(5×8) + (5×9)}$ **85**

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

$\underline{(9×7) + (9×7)}$ $\underline{126}$

Distributive Property   Answer

3. $\underline{(9×7) + (9×7)}$ **126**

4) $8 \times (2 + 9)$

$\underline{(8×2) + (8×9)}$ $\underline{88}$

Distributive Property   Answer

4. $\underline{(8×2) + (8×9)}$ **88**

5) $8 \times (6 + 3)$

$\underline{(8×6) + (8×3)}$ $\underline{72}$

Distributive Property   Answer

5. $\underline{(8×6) + (8×3)}$ **72**

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

$\underline{(9×9) + (9×9)}$ $\underline{162}$

Distributive Property   Answer

6. $\underline{(9×9) + (9×9)}$ **162**

7) $2 \times (3 + 7)$

$\underline{(2×3) + (2×7)}$ $\underline{20}$

Distributive Property   Answer

7. $\underline{(2×3) + (2×7)}$ **20**

8) $5 \times (9 + 7)$

$\underline{(5×9) + (5×7)}$ $\underline{80}$

Distributive Property   Answer

8. $\underline{(5×9) + (5×7)}$ **80**

9) $2 \times (5 + 3)$

$\underline{(2×5) + (2×3)}$ $\underline{16}$

Distributive Property   Answer

9. $\underline{(2×5) + (2×3)}$ **16**

10) $2 \times (4 + 8)$

$\underline{(2×4) + (2×8)}$ $\underline{24}$

Distributive Property   Answer

10. $\underline{(2×4) + (2×8)}$ **24**