Name:

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

1) $3 \times (2 + 4)$

_____   _____
Distributive Property   Answer

1a. _____

1b. _____

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

_____   _____
Distributive Property   Answer

2a. _____

2b. _____

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

_____   _____
Distributive Property   Answer

3a. _____

3b. _____

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

_____   _____
Distributive Property   Answer

4a. _____

4b. _____

5) $9 \times (2 + 4)$

_____   _____
Distributive Property   Answer

5a. _____

5b. _____

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

_____   _____
Distributive Property   Answer

6a. _____

6b. _____

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

_____   _____
Distributive Property   Answer

7a. _____

7b. _____

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

_____   _____
Distributive Property   Answer

8a. _____

8b. _____

9) $4 \times (7 + 6)$

_____   _____
Distributive Property   Answer

9a. _____

9b. _____

10) $2 \times (5 + 6)$

_____   _____
Distributive Property   Answer

10a. _____

10b. _____

Math

3

| 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) $3 \times (2 + 4)$

$\underline{\text{(3×2) + (3×4)}}$
Distributive Property

$\underline{18}$
Answer

1a. **(3×2) + (3×4)**

1b. **18**

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

$\underline{\text{(4×6) + (4×9)}}$
Distributive Property

$\underline{60}$
Answer

2a. **(4×6) + (4×9)**

2b. **60**

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

$\underline{\text{(2×3) + (2×2)}}$
Distributive Property

$\underline{10}$
Answer

3a. **(2×3) + (2×2)**

3b. **10**

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

$\underline{\text{(4×5) + (4×2)}}$
Distributive Property

$\underline{28}$
Answer

4a. **(4×5) + (4×2)**

4b. **28**

5) $9 \times (2 + 4)$

$\underline{\text{(9×2) + (9×4)}}$
Distributive Property

$\underline{54}$
Answer

5a. **(9×2) + (9×4)**

5b. **54**

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

$\underline{\text{(6×2) + (6×6)}}$
Distributive Property

$\underline{48}$
Answer

6a. **(6×2) + (6×6)**

6b. **48**

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

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

$\underline{24}$
Answer

7a. **(3×4) + (3×4)**

7b. **24**

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

$\underline{\text{(6×6) + (6×9)}}$
Distributive Property

$\underline{90}$
Answer

8a. **(6×6) + (6×9)**

8b. **90**

9) $4 \times (7 + 6)$

$\underline{\text{(4×7) + (4×6)}}$
Distributive Property

$\underline{52}$
Answer

9a. **(4×7) + (4×6)**

9b. **52**

10) $2 \times (5 + 6)$

$\underline{\text{(2×5) + (2×6)}}$
Distributive Property

$\underline{22}$
Answer

10a. **(2×5) + (2×6)**

10b. **22**

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