



Determining Distributive Property

Name: _____

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

1) $6 \times (5 + 3)$ _____ Distributive Property _____ Answer _____

2) $5 \times (9 + 5)$ _____ Distributive Property _____ Answer _____

3) $4 \times (5 + 5)$ _____ Distributive Property _____ Answer _____

4) $2 \times (7 + 4)$ _____ Distributive Property _____ Answer _____

5) $5 \times (5 + 7)$ _____ Distributive Property _____ Answer _____

6) $2 \times (9 + 2)$ _____ Distributive Property _____ Answer _____

7) $9 \times (9 + 4)$ _____ Distributive Property _____ Answer _____

8) $2 \times (7 + 9)$ _____ Distributive Property _____ Answer _____

9) $8 \times (2 + 7)$ _____ Distributive Property _____ Answer _____

10) $2 \times (6 + 2)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

1) $6 \times (5 + 3)$ $\frac{(6 \times 5) + (6 \times 3)}{\text{Distributive Property}}$ $\frac{48}{\text{Answer}}$

2) $5 \times (9 + 5)$ $\frac{(5 \times 9) + (5 \times 5)}{\text{Distributive Property}}$ $\frac{70}{\text{Answer}}$

3) $4 \times (5 + 5)$ $\frac{(4 \times 5) + (4 \times 5)}{\text{Distributive Property}}$ $\frac{40}{\text{Answer}}$

4) $2 \times (7 + 4)$ $\frac{(2 \times 7) + (2 \times 4)}{\text{Distributive Property}}$ $\frac{22}{\text{Answer}}$

5) $5 \times (5 + 7)$ $\frac{(5 \times 5) + (5 \times 7)}{\text{Distributive Property}}$ $\frac{60}{\text{Answer}}$

6) $2 \times (9 + 2)$ $\frac{(2 \times 9) + (2 \times 2)}{\text{Distributive Property}}$ $\frac{22}{\text{Answer}}$

7) $9 \times (9 + 4)$ $\frac{(9 \times 9) + (9 \times 4)}{\text{Distributive Property}}$ $\frac{117}{\text{Answer}}$

8) $2 \times (7 + 9)$ $\frac{(2 \times 7) + (2 \times 9)}{\text{Distributive Property}}$ $\frac{32}{\text{Answer}}$

9) $8 \times (2 + 7)$ $\frac{(8 \times 2) + (8 \times 7)}{\text{Distributive Property}}$ $\frac{72}{\text{Answer}}$

10) $2 \times (6 + 2)$ $\frac{(2 \times 6) + (2 \times 2)}{\text{Distributive Property}}$ $\frac{16}{\text{Answer}}$

Answers

1a. $(6 \times 5) + (6 \times 3)$

1b. 48

2a. $(5 \times 9) + (5 \times 5)$

2b. 70

3a. $(4 \times 5) + (4 \times 5)$

3b. 40

4a. $(2 \times 7) + (2 \times 4)$

4b. 22

5a. $(5 \times 5) + (5 \times 7)$

5b. 60

6a. $(2 \times 9) + (2 \times 2)$

6b. 22

7a. $(9 \times 9) + (9 \times 4)$

7b. 117

8a. $(2 \times 7) + (2 \times 9)$

8b. 32

9a. $(8 \times 2) + (8 \times 7)$

9b. 72

10a. $(2 \times 6) + (2 \times 2)$

10b. 16



Determining Distributive Property

Name: _____

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

1) $2 \times (2 + 7)$ _____ Distributive Property _____ Answer _____

2) $8 \times (8 + 3)$ _____ Distributive Property _____ Answer _____

3) $5 \times (3 + 8)$ _____ Distributive Property _____ Answer _____

4) $3 \times (4 + 4)$ _____ Distributive Property _____ Answer _____

5) $8 \times (6 + 3)$ _____ Distributive Property _____ Answer _____

6) $8 \times (5 + 5)$ _____ Distributive Property _____ Answer _____

7) $3 \times (4 + 7)$ _____ Distributive Property _____ Answer _____

8) $5 \times (2 + 5)$ _____ Distributive Property _____ Answer _____

9) $8 \times (6 + 2)$ _____ Distributive Property _____ Answer _____

10) $8 \times (2 + 6)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

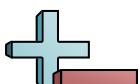
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

1) $2 \times (2 + 7)$ $\frac{(2 \times 2) + (2 \times 7)}{\text{Distributive Property}}$ $\frac{18}{\text{Answer}}$

2) $8 \times (8 + 3)$ $\frac{(8 \times 8) + (8 \times 3)}{\text{Distributive Property}}$ $\frac{88}{\text{Answer}}$

3) $5 \times (3 + 8)$ $\frac{(5 \times 3) + (5 \times 8)}{\text{Distributive Property}}$ $\frac{55}{\text{Answer}}$

4) $3 \times (4 + 4)$ $\frac{(3 \times 4) + (3 \times 4)}{\text{Distributive Property}}$ $\frac{24}{\text{Answer}}$

5) $8 \times (6 + 3)$ $\frac{(8 \times 6) + (8 \times 3)}{\text{Distributive Property}}$ $\frac{72}{\text{Answer}}$

6) $8 \times (5 + 5)$ $\frac{(8 \times 5) + (8 \times 5)}{\text{Distributive Property}}$ $\frac{80}{\text{Answer}}$

7) $3 \times (4 + 7)$ $\frac{(3 \times 4) + (3 \times 7)}{\text{Distributive Property}}$ $\frac{33}{\text{Answer}}$

8) $5 \times (2 + 5)$ $\frac{(5 \times 2) + (5 \times 5)}{\text{Distributive Property}}$ $\frac{35}{\text{Answer}}$

9) $8 \times (6 + 2)$ $\frac{(8 \times 6) + (8 \times 2)}{\text{Distributive Property}}$ $\frac{64}{\text{Answer}}$

10) $8 \times (2 + 6)$ $\frac{(8 \times 2) + (8 \times 6)}{\text{Distributive Property}}$ $\frac{64}{\text{Answer}}$

Answers

1a. $(2 \times 2) + (2 \times 7)$

1b. 18

2a. $(8 \times 8) + (8 \times 3)$

2b. 88

3a. $(5 \times 3) + (5 \times 8)$

3b. 55

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

4b. 24

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

5b. 72

6a. $(8 \times 5) + (8 \times 5)$

6b. 80

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

7b. 33

8a. $(5 \times 2) + (5 \times 5)$

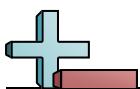
8b. 35

9a. $(8 \times 6) + (8 \times 2)$

9b. 64

10a. $(8 \times 2) + (8 \times 6)$

10b. 64



Determining Distributive Property

Name: _____

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

1) $6 \times (3 + 2)$ _____ Distributive Property _____ Answer _____

2) $6 \times (9 + 4)$ _____ Distributive Property _____ Answer _____

3) $6 \times (7 + 9)$ _____ Distributive Property _____ Answer _____

4) $9 \times (5 + 3)$ _____ Distributive Property _____ Answer _____

5) $3 \times (3 + 3)$ _____ Distributive Property _____ Answer _____

6) $9 \times (7 + 7)$ _____ Distributive Property _____ Answer _____

7) $5 \times (4 + 8)$ _____ Distributive Property _____ Answer _____

8) $5 \times (4 + 2)$ _____ Distributive Property _____ Answer _____

9) $6 \times (3 + 7)$ _____ Distributive Property _____ Answer _____

10) $7 \times (5 + 9)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

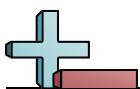
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 6 \times (3 + 2) \quad \frac{(6 \times 3) + (6 \times 2)}{\text{Distributive Property}} \quad \frac{30}{\text{Answer}}$$

$$2) \ 6 \times (9 + 4) \quad \frac{(6 \times 9) + (6 \times 4)}{\text{Distributive Property}} \quad \frac{78}{\text{Answer}}$$

$$3) \ 6 \times (7 + 9) \quad \frac{(6 \times 7) + (6 \times 9)}{\text{Distributive Property}} \quad \frac{96}{\text{Answer}}$$

$$4) \ 9 \times (5 + 3) \quad \frac{(9 \times 5) + (9 \times 3)}{\text{Distributive Property}} \quad \frac{72}{\text{Answer}}$$

$$5) \ 3 \times (3 + 3) \quad \frac{(3 \times 3) + (3 \times 3)}{\text{Distributive Property}} \quad \frac{18}{\text{Answer}}$$

$$6) \ 9 \times (7 + 7) \quad \frac{(9 \times 7) + (9 \times 7)}{\text{Distributive Property}} \quad \frac{126}{\text{Answer}}$$

$$7) \ 5 \times (4 + 8) \quad \frac{(5 \times 4) + (5 \times 8)}{\text{Distributive Property}} \quad \frac{60}{\text{Answer}}$$

$$8) \ 5 \times (4 + 2) \quad \frac{(5 \times 4) + (5 \times 2)}{\text{Distributive Property}} \quad \frac{30}{\text{Answer}}$$

$$9) \ 6 \times (3 + 7) \quad \frac{(6 \times 3) + (6 \times 7)}{\text{Distributive Property}} \quad \frac{60}{\text{Answer}}$$

$$10) \ 7 \times (5 + 9) \quad \frac{(7 \times 5) + (7 \times 9)}{\text{Distributive Property}} \quad \frac{98}{\text{Answer}}$$

Answers

1a. $(6 \times 3) + (6 \times 2)$

30

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

78

3a. $(6 \times 7) + (6 \times 9)$

96

4a. $(9 \times 5) + (9 \times 3)$

72

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

18

6a. $(9 \times 7) + (9 \times 7)$

126

7a. $(5 \times 4) + (5 \times 8)$

60

8a. $(5 \times 4) + (5 \times 2)$

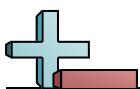
30

9a. $(6 \times 3) + (6 \times 7)$

60

10a. $(7 \times 5) + (7 \times 9)$

98



Determining Distributive Property

Name: _____

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

1) $7 \times (7 + 3)$ _____ Distributive Property _____ Answer _____

2) $2 \times (4 + 2)$ _____ Distributive Property _____ Answer _____

3) $7 \times (3 + 8)$ _____ Distributive Property _____ Answer _____

4) $4 \times (7 + 7)$ _____ Distributive Property _____ Answer _____

5) $2 \times (8 + 7)$ _____ Distributive Property _____ Answer _____

6) $8 \times (6 + 7)$ _____ Distributive Property _____ Answer _____

7) $3 \times (6 + 5)$ _____ Distributive Property _____ Answer _____

8) $7 \times (6 + 3)$ _____ Distributive Property _____ Answer _____

9) $9 \times (8 + 4)$ _____ Distributive Property _____ Answer _____

10) $6 \times (2 + 7)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

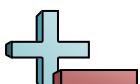
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 7 \times (7 + 3) \quad \frac{(7 \times 7) + (7 \times 3)}{\text{Distributive Property}} \quad \frac{70}{\text{Answer}}$$

$$2) \ 2 \times (4 + 2) \quad \frac{(2 \times 4) + (2 \times 2)}{\text{Distributive Property}} \quad \frac{12}{\text{Answer}}$$

$$3) \ 7 \times (3 + 8) \quad \frac{(7 \times 3) + (7 \times 8)}{\text{Distributive Property}} \quad \frac{77}{\text{Answer}}$$

$$4) \ 4 \times (7 + 7) \quad \frac{(4 \times 7) + (4 \times 7)}{\text{Distributive Property}} \quad \frac{56}{\text{Answer}}$$

$$5) \ 2 \times (8 + 7) \quad \frac{(2 \times 8) + (2 \times 7)}{\text{Distributive Property}} \quad \frac{30}{\text{Answer}}$$

$$6) \ 8 \times (6 + 7) \quad \frac{(8 \times 6) + (8 \times 7)}{\text{Distributive Property}} \quad \frac{104}{\text{Answer}}$$

$$7) \ 3 \times (6 + 5) \quad \frac{(3 \times 6) + (3 \times 5)}{\text{Distributive Property}} \quad \frac{33}{\text{Answer}}$$

$$8) \ 7 \times (6 + 3) \quad \frac{(7 \times 6) + (7 \times 3)}{\text{Distributive Property}} \quad \frac{63}{\text{Answer}}$$

$$9) \ 9 \times (8 + 4) \quad \frac{(9 \times 8) + (9 \times 4)}{\text{Distributive Property}} \quad \frac{108}{\text{Answer}}$$

$$10) \ 6 \times (2 + 7) \quad \frac{(6 \times 2) + (6 \times 7)}{\text{Distributive Property}} \quad \frac{54}{\text{Answer}}$$

Answers

$$1a. \ (7 \times 7) + (7 \times 3)$$

$$1b. \ 70$$

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

$$2b. \ 12$$

$$3a. \ (7 \times 3) + (7 \times 8)$$

$$3b. \ 77$$

$$4a. \ (4 \times 7) + (4 \times 7)$$

$$4b. \ 56$$

$$5a. \ (2 \times 8) + (2 \times 7)$$

$$5b. \ 30$$

$$6a. \ (8 \times 6) + (8 \times 7)$$

$$6b. \ 104$$

$$7a. \ (3 \times 6) + (3 \times 5)$$

$$7b. \ 33$$

$$8a. \ (7 \times 6) + (7 \times 3)$$

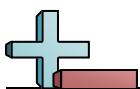
$$8b. \ 63$$

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

$$9b. \ 108$$

$$10a. \ (6 \times 2) + (6 \times 7)$$

$$10b. \ 54$$



Determining Distributive Property

Name: _____

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

1) $9 \times (3 + 9)$ _____ Distributive Property _____ Answer _____

2) $8 \times (2 + 7)$ _____ Distributive Property _____ Answer _____

3) $6 \times (5 + 6)$ _____ Distributive Property _____ Answer _____

4) $7 \times (2 + 9)$ _____ Distributive Property _____ Answer _____

5) $2 \times (4 + 5)$ _____ Distributive Property _____ Answer _____

6) $2 \times (4 + 9)$ _____ Distributive Property _____ Answer _____

7) $5 \times (4 + 2)$ _____ Distributive Property _____ Answer _____

8) $9 \times (4 + 4)$ _____ Distributive Property _____ Answer _____

9) $2 \times (8 + 9)$ _____ Distributive Property _____ Answer _____

10) $7 \times (8 + 7)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

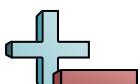
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 9 \times (3 + 9) \quad \frac{(9 \times 3) + (9 \times 9)}{\text{Distributive Property}} \quad \frac{108}{\text{Answer}}$$

$$2) \ 8 \times (2 + 7) \quad \frac{(8 \times 2) + (8 \times 7)}{\text{Distributive Property}} \quad \frac{72}{\text{Answer}}$$

$$3) \ 6 \times (5 + 6) \quad \frac{(6 \times 5) + (6 \times 6)}{\text{Distributive Property}} \quad \frac{66}{\text{Answer}}$$

$$4) \ 7 \times (2 + 9) \quad \frac{(7 \times 2) + (7 \times 9)}{\text{Distributive Property}} \quad \frac{77}{\text{Answer}}$$

$$5) \ 2 \times (4 + 5) \quad \frac{(2 \times 4) + (2 \times 5)}{\text{Distributive Property}} \quad \frac{18}{\text{Answer}}$$

$$6) \ 2 \times (4 + 9) \quad \frac{(2 \times 4) + (2 \times 9)}{\text{Distributive Property}} \quad \frac{26}{\text{Answer}}$$

$$7) \ 5 \times (4 + 2) \quad \frac{(5 \times 4) + (5 \times 2)}{\text{Distributive Property}} \quad \frac{30}{\text{Answer}}$$

$$8) \ 9 \times (4 + 4) \quad \frac{(9 \times 4) + (9 \times 4)}{\text{Distributive Property}} \quad \frac{72}{\text{Answer}}$$

$$9) \ 2 \times (8 + 9) \quad \frac{(2 \times 8) + (2 \times 9)}{\text{Distributive Property}} \quad \frac{34}{\text{Answer}}$$

$$10) \ 7 \times (8 + 7) \quad \frac{(7 \times 8) + (7 \times 7)}{\text{Distributive Property}} \quad \frac{105}{\text{Answer}}$$

Answers

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

1b. 108

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

2b. 72

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

3b. 66

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

4b. 77

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

5b. 18

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

6b. 26

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

7b. 30

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

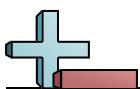
8b. 72

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

9b. 34

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

10b. 105



Determining Distributive Property

Name: _____

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

1) $9 \times (5 + 2)$ _____ Distributive Property _____ Answer _____

2) $4 \times (4 + 5)$ _____ Distributive Property _____ Answer _____

3) $4 \times (6 + 3)$ _____ Distributive Property _____ Answer _____

4) $3 \times (3 + 7)$ _____ Distributive Property _____ Answer _____

5) $6 \times (3 + 4)$ _____ Distributive Property _____ Answer _____

6) $2 \times (9 + 6)$ _____ Distributive Property _____ Answer _____

7) $9 \times (4 + 3)$ _____ Distributive Property _____ Answer _____

8) $9 \times (8 + 8)$ _____ Distributive Property _____ Answer _____

9) $8 \times (4 + 3)$ _____ Distributive Property _____ Answer _____

10) $7 \times (9 + 5)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

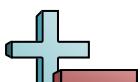
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 9 \times (5 + 2) \quad \frac{(9 \times 5) + (9 \times 2)}{\text{Distributive Property}} \quad \frac{63}{\text{Answer}}$$

$$2) \ 4 \times (4 + 5) \quad \frac{(4 \times 4) + (4 \times 5)}{\text{Distributive Property}} \quad \frac{36}{\text{Answer}}$$

$$3) \ 4 \times (6 + 3) \quad \frac{(4 \times 6) + (4 \times 3)}{\text{Distributive Property}} \quad \frac{36}{\text{Answer}}$$

$$4) \ 3 \times (3 + 7) \quad \frac{(3 \times 3) + (3 \times 7)}{\text{Distributive Property}} \quad \frac{30}{\text{Answer}}$$

$$5) \ 6 \times (3 + 4) \quad \frac{(6 \times 3) + (6 \times 4)}{\text{Distributive Property}} \quad \frac{42}{\text{Answer}}$$

$$6) \ 2 \times (9 + 6) \quad \frac{(2 \times 9) + (2 \times 6)}{\text{Distributive Property}} \quad \frac{30}{\text{Answer}}$$

$$7) \ 9 \times (4 + 3) \quad \frac{(9 \times 4) + (9 \times 3)}{\text{Distributive Property}} \quad \frac{63}{\text{Answer}}$$

$$8) \ 9 \times (8 + 8) \quad \frac{(9 \times 8) + (9 \times 8)}{\text{Distributive Property}} \quad \frac{144}{\text{Answer}}$$

$$9) \ 8 \times (4 + 3) \quad \frac{(8 \times 4) + (8 \times 3)}{\text{Distributive Property}} \quad \frac{56}{\text{Answer}}$$

$$10) \ 7 \times (9 + 5) \quad \frac{(7 \times 9) + (7 \times 5)}{\text{Distributive Property}} \quad \frac{98}{\text{Answer}}$$

Answers

1a. $(9 \times 5) + (9 \times 2)$

63

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

36

3a. $(4 \times 6) + (4 \times 3)$

36

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

30

5a. $(6 \times 3) + (6 \times 4)$

42

6a. $(2 \times 9) + (2 \times 6)$

30

7a. $(9 \times 4) + (9 \times 3)$

63

8a. $(9 \times 8) + (9 \times 8)$

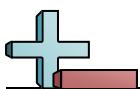
144

9a. $(8 \times 4) + (8 \times 3)$

56

10a. $(7 \times 9) + (7 \times 5)$

98



Determining Distributive Property

Name: _____

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

1) $4 \times (2 + 6)$ _____ Distributive Property _____ Answer _____

2) $9 \times (2 + 5)$ _____ Distributive Property _____ Answer _____

3) $4 \times (5 + 9)$ _____ Distributive Property _____ Answer _____

4) $3 \times (2 + 4)$ _____ Distributive Property _____ Answer _____

5) $5 \times (5 + 9)$ _____ Distributive Property _____ Answer _____

6) $4 \times (6 + 8)$ _____ Distributive Property _____ Answer _____

7) $7 \times (7 + 7)$ _____ Distributive Property _____ Answer _____

8) $4 \times (5 + 5)$ _____ Distributive Property _____ Answer _____

9) $7 \times (7 + 2)$ _____ Distributive Property _____ Answer _____

10) $8 \times (4 + 9)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

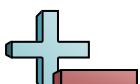
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 4 \times (2 + 6) \quad \frac{(4 \times 2) + (4 \times 6)}{\text{Distributive Property}} \quad \frac{32}{\text{Answer}}$$

$$2) \ 9 \times (2 + 5) \quad \frac{(9 \times 2) + (9 \times 5)}{\text{Distributive Property}} \quad \frac{63}{\text{Answer}}$$

$$3) \ 4 \times (5 + 9) \quad \frac{(4 \times 5) + (4 \times 9)}{\text{Distributive Property}} \quad \frac{56}{\text{Answer}}$$

$$4) \ 3 \times (2 + 4) \quad \frac{(3 \times 2) + (3 \times 4)}{\text{Distributive Property}} \quad \frac{18}{\text{Answer}}$$

$$5) \ 5 \times (5 + 9) \quad \frac{(5 \times 5) + (5 \times 9)}{\text{Distributive Property}} \quad \frac{70}{\text{Answer}}$$

$$6) \ 4 \times (6 + 8) \quad \frac{(4 \times 6) + (4 \times 8)}{\text{Distributive Property}} \quad \frac{56}{\text{Answer}}$$

$$7) \ 7 \times (7 + 7) \quad \frac{(7 \times 7) + (7 \times 7)}{\text{Distributive Property}} \quad \frac{98}{\text{Answer}}$$

$$8) \ 4 \times (5 + 5) \quad \frac{(4 \times 5) + (4 \times 5)}{\text{Distributive Property}} \quad \frac{40}{\text{Answer}}$$

$$9) \ 7 \times (7 + 2) \quad \frac{(7 \times 7) + (7 \times 2)}{\text{Distributive Property}} \quad \frac{63}{\text{Answer}}$$

$$10) \ 8 \times (4 + 9) \quad \frac{(8 \times 4) + (8 \times 9)}{\text{Distributive Property}} \quad \frac{104}{\text{Answer}}$$

Answers

1a. $(4 \times 2) + (4 \times 6)$

32

2a. $(9 \times 2) + (9 \times 5)$

63

3a. $(4 \times 5) + (4 \times 9)$

56

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

18

5a. $(5 \times 5) + (5 \times 9)$

70

6a. $(4 \times 6) + (4 \times 8)$

56

7a. $(7 \times 7) + (7 \times 7)$

98

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

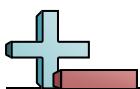
40

9a. $(7 \times 7) + (7 \times 2)$

63

10a. $(8 \times 4) + (8 \times 9)$

104



Determining Distributive Property

Name: _____

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

1) $7 \times (9 + 9)$ _____ Distributive Property _____ Answer _____

2) $4 \times (7 + 9)$ _____ Distributive Property _____ Answer _____

3) $8 \times (3 + 8)$ _____ Distributive Property _____ Answer _____

4) $7 \times (5 + 4)$ _____ Distributive Property _____ Answer _____

5) $3 \times (6 + 6)$ _____ Distributive Property _____ Answer _____

6) $2 \times (3 + 7)$ _____ Distributive Property _____ Answer _____

7) $4 \times (4 + 8)$ _____ Distributive Property _____ Answer _____

8) $8 \times (6 + 3)$ _____ Distributive Property _____ Answer _____

9) $6 \times (9 + 5)$ _____ Distributive Property _____ Answer _____

10) $7 \times (4 + 6)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

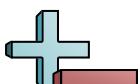
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 7 \times (9 + 9) \quad \frac{(7 \times 9) + (7 \times 9)}{\text{Distributive Property}} \quad \frac{126}{\text{Answer}}$$

$$2) \ 4 \times (7 + 9) \quad \frac{(4 \times 7) + (4 \times 9)}{\text{Distributive Property}} \quad \frac{64}{\text{Answer}}$$

$$3) \ 8 \times (3 + 8) \quad \frac{(8 \times 3) + (8 \times 8)}{\text{Distributive Property}} \quad \frac{88}{\text{Answer}}$$

$$4) \ 7 \times (5 + 4) \quad \frac{(7 \times 5) + (7 \times 4)}{\text{Distributive Property}} \quad \frac{63}{\text{Answer}}$$

$$5) \ 3 \times (6 + 6) \quad \frac{(3 \times 6) + (3 \times 6)}{\text{Distributive Property}} \quad \frac{36}{\text{Answer}}$$

$$6) \ 2 \times (3 + 7) \quad \frac{(2 \times 3) + (2 \times 7)}{\text{Distributive Property}} \quad \frac{20}{\text{Answer}}$$

$$7) \ 4 \times (4 + 8) \quad \frac{(4 \times 4) + (4 \times 8)}{\text{Distributive Property}} \quad \frac{48}{\text{Answer}}$$

$$8) \ 8 \times (6 + 3) \quad \frac{(8 \times 6) + (8 \times 3)}{\text{Distributive Property}} \quad \frac{72}{\text{Answer}}$$

$$9) \ 6 \times (9 + 5) \quad \frac{(6 \times 9) + (6 \times 5)}{\text{Distributive Property}} \quad \frac{84}{\text{Answer}}$$

$$10) \ 7 \times (4 + 6) \quad \frac{(7 \times 4) + (7 \times 6)}{\text{Distributive Property}} \quad \frac{70}{\text{Answer}}$$

Answers

1a. $(7 \times 9) + (7 \times 9)$

1b. 126

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

2b. 64

3a. $(8 \times 3) + (8 \times 8)$

3b. 88

4a. $(7 \times 5) + (7 \times 4)$

4b. 63

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

5b. 36

6a. $(2 \times 3) + (2 \times 7)$

6b. 20

7a. $(4 \times 4) + (4 \times 8)$

7b. 48

8a. $(8 \times 6) + (8 \times 3)$

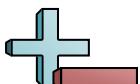
8b. 72

9a. $(6 \times 9) + (6 \times 5)$

9b. 84

10a. $(7 \times 4) + (7 \times 6)$

10b. 70



Determining Distributive Property

Name: _____

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

1) $5 \times (7 + 6)$ _____ Distributive Property _____ Answer _____

2) $7 \times (8 + 3)$ _____ Distributive Property _____ Answer _____

3) $5 \times (6 + 9)$ _____ Distributive Property _____ Answer _____

4) $2 \times (4 + 2)$ _____ Distributive Property _____ Answer _____

5) $5 \times (5 + 6)$ _____ Distributive Property _____ Answer _____

6) $3 \times (2 + 8)$ _____ Distributive Property _____ Answer _____

7) $9 \times (3 + 5)$ _____ Distributive Property _____ Answer _____

8) $4 \times (6 + 9)$ _____ Distributive Property _____ Answer _____

9) $6 \times (5 + 2)$ _____ Distributive Property _____ Answer _____

10) $8 \times (7 + 6)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

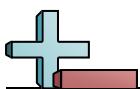
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 5 \times (7 + 6) \quad \frac{(5 \times 7) + (5 \times 6)}{\text{Distributive Property}} \quad \frac{65}{\text{Answer}}$$

$$2) \ 7 \times (8 + 3) \quad \frac{(7 \times 8) + (7 \times 3)}{\text{Distributive Property}} \quad \frac{77}{\text{Answer}}$$

$$3) \ 5 \times (6 + 9) \quad \frac{(5 \times 6) + (5 \times 9)}{\text{Distributive Property}} \quad \frac{75}{\text{Answer}}$$

$$4) \ 2 \times (4 + 2) \quad \frac{(2 \times 4) + (2 \times 2)}{\text{Distributive Property}} \quad \frac{12}{\text{Answer}}$$

$$5) \ 5 \times (5 + 6) \quad \frac{(5 \times 5) + (5 \times 6)}{\text{Distributive Property}} \quad \frac{55}{\text{Answer}}$$

$$6) \ 3 \times (2 + 8) \quad \frac{(3 \times 2) + (3 \times 8)}{\text{Distributive Property}} \quad \frac{30}{\text{Answer}}$$

$$7) \ 9 \times (3 + 5) \quad \frac{(9 \times 3) + (9 \times 5)}{\text{Distributive Property}} \quad \frac{72}{\text{Answer}}$$

$$8) \ 4 \times (6 + 9) \quad \frac{(4 \times 6) + (4 \times 9)}{\text{Distributive Property}} \quad \frac{60}{\text{Answer}}$$

$$9) \ 6 \times (5 + 2) \quad \frac{(6 \times 5) + (6 \times 2)}{\text{Distributive Property}} \quad \frac{42}{\text{Answer}}$$

$$10) \ 8 \times (7 + 6) \quad \frac{(8 \times 7) + (8 \times 6)}{\text{Distributive Property}} \quad \frac{104}{\text{Answer}}$$

Answers

$$1a. \underline{\hspace{2cm}} \quad (5 \times 7) + (5 \times 6)$$

65

$$1b. \underline{\hspace{2cm}} \quad (7 \times 8) + (7 \times 3)$$

77

$$2a. \underline{\hspace{2cm}} \quad (5 \times 6) + (5 \times 9)$$

75

$$3a. \underline{\hspace{2cm}} \quad (2 \times 4) + (2 \times 2)$$

12

$$4a. \underline{\hspace{2cm}} \quad (5 \times 5) + (5 \times 6)$$

55

$$5b. \underline{\hspace{2cm}} \quad (3 \times 2) + (3 \times 8)$$

30

$$6a. \underline{\hspace{2cm}} \quad (9 \times 3) + (9 \times 5)$$

72

$$7b. \underline{\hspace{2cm}} \quad (4 \times 6) + (4 \times 9)$$

60

$$8a. \underline{\hspace{2cm}} \quad (6 \times 5) + (6 \times 2)$$

42

$$9b. \underline{\hspace{2cm}} \quad (8 \times 7) + (8 \times 6)$$

104



Determining Distributive Property

Name: _____

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

1) $6 \times (3 + 8)$ _____ Distributive Property _____ Answer _____

2) $8 \times (2 + 6)$ _____ Distributive Property _____ Answer _____

3) $3 \times (7 + 4)$ _____ Distributive Property _____ Answer _____

4) $5 \times (5 + 4)$ _____ Distributive Property _____ Answer _____

5) $6 \times (6 + 4)$ _____ Distributive Property _____ Answer _____

6) $8 \times (2 + 9)$ _____ Distributive Property _____ Answer _____

7) $2 \times (4 + 9)$ _____ Distributive Property _____ Answer _____

8) $3 \times (6 + 9)$ _____ Distributive Property _____ Answer _____

9) $6 \times (4 + 7)$ _____ Distributive Property _____ Answer _____

10) $6 \times (9 + 2)$ _____ Distributive Property _____ Answer _____

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

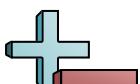
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name:

Answer Key

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

$$1) \ 6 \times (3 + 8) \quad \frac{(6 \times 3) + (6 \times 8)}{\text{Distributive Property}} \quad \frac{66}{\text{Answer}}$$

$$2) \ 8 \times (2 + 6) \quad \frac{(8 \times 2) + (8 \times 6)}{\text{Distributive Property}} \quad \frac{64}{\text{Answer}}$$

$$3) \ 3 \times (7 + 4) \quad \frac{(3 \times 7) + (3 \times 4)}{\text{Distributive Property}} \quad \frac{33}{\text{Answer}}$$

$$4) \ 5 \times (5 + 4) \quad \frac{(5 \times 5) + (5 \times 4)}{\text{Distributive Property}} \quad \frac{45}{\text{Answer}}$$

$$5) \ 6 \times (6 + 4) \quad \frac{(6 \times 6) + (6 \times 4)}{\text{Distributive Property}} \quad \frac{60}{\text{Answer}}$$

$$6) \ 8 \times (2 + 9) \quad \frac{(8 \times 2) + (8 \times 9)}{\text{Distributive Property}} \quad \frac{88}{\text{Answer}}$$

$$7) \ 2 \times (4 + 9) \quad \frac{(2 \times 4) + (2 \times 9)}{\text{Distributive Property}} \quad \frac{26}{\text{Answer}}$$

$$8) \ 3 \times (6 + 9) \quad \frac{(3 \times 6) + (3 \times 9)}{\text{Distributive Property}} \quad \frac{45}{\text{Answer}}$$

$$9) \ 6 \times (4 + 7) \quad \frac{(6 \times 4) + (6 \times 7)}{\text{Distributive Property}} \quad \frac{66}{\text{Answer}}$$

$$10) \ 6 \times (9 + 2) \quad \frac{(6 \times 9) + (6 \times 2)}{\text{Distributive Property}} \quad \frac{66}{\text{Answer}}$$

Answers

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

66

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

64

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

33

4a. $(5 \times 5) + (5 \times 4)$

45

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

60

6a. $(8 \times 2) + (8 \times 9)$

88

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

26

8a. $(3 \times 6) + (3 \times 9)$

45

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

66

10a. $(6 \times 9) + (6 \times 2)$

66