

Determining Distributive Property

Name: _____

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

1) $3 \times (9 + 6)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

5) $8 \times (3 + 9)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10) $4 \times (5 + 8)$

Distributive Property

Answer

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

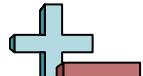
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $3 \times (9 + 6)$ $\frac{(3 \times 9) + (3 \times 6)}{\text{Distributive Property}}$ $\frac{45}{\text{Answer}}$

2) $3 \times (7 + 3)$ $\frac{(3 \times 7) + (3 \times 3)}{\text{Distributive Property}}$ $\frac{30}{\text{Answer}}$

3) $7 \times (3 + 3)$ $\frac{(7 \times 3) + (7 \times 3)}{\text{Distributive Property}}$ $\frac{42}{\text{Answer}}$

4) $7 \times (2 + 2)$ $\frac{(7 \times 2) + (7 \times 2)}{\text{Distributive Property}}$ $\frac{28}{\text{Answer}}$

5) $8 \times (3 + 9)$ $\frac{(8 \times 3) + (8 \times 9)}{\text{Distributive Property}}$ $\frac{96}{\text{Answer}}$

6) $4 \times (4 + 7)$ $\frac{(4 \times 4) + (4 \times 7)}{\text{Distributive Property}}$ $\frac{44}{\text{Answer}}$

7) $8 \times (4 + 5)$ $\frac{(8 \times 4) + (8 \times 5)}{\text{Distributive Property}}$ $\frac{72}{\text{Answer}}$

8) $7 \times (4 + 8)$ $\frac{(7 \times 4) + (7 \times 8)}{\text{Distributive Property}}$ $\frac{84}{\text{Answer}}$

9) $5 \times (5 + 4)$ $\frac{(5 \times 5) + (5 \times 4)}{\text{Distributive Property}}$ $\frac{45}{\text{Answer}}$

10) $4 \times (5 + 8)$ $\frac{(4 \times 5) + (4 \times 8)}{\text{Distributive Property}}$ $\frac{52}{\text{Answer}}$

Answers

1a. $(3 \times 9) + (3 \times 6)$

45

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

30

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

42

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

28

5a. $(8 \times 3) + (8 \times 9)$

96

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

44

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

72

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

84

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

45

10a. $(4 \times 5) + (4 \times 8)$

52



Determining Distributive Property

Name: _____

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

1) $7 \times (3 + 8)$

Distributive Property

Answer

2) $3 \times (6 + 3)$

Distributive Property

Answer

3) $6 \times (2 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

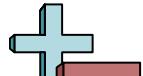
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $7 \times (3 + 8)$ $\frac{(7 \times 3) + (7 \times 8)}{\text{Distributive Property}}$

$\frac{77}{\text{Answer}}$

2) $3 \times (6 + 3)$ $\frac{(3 \times 6) + (3 \times 3)}{\text{Distributive Property}}$

$\frac{27}{\text{Answer}}$

3) $6 \times (2 + 2)$ $\frac{(6 \times 2) + (6 \times 2)}{\text{Distributive Property}}$

$\frac{24}{\text{Answer}}$

4) $8 \times (3 + 8)$ $\frac{(8 \times 3) + (8 \times 8)}{\text{Distributive Property}}$

$\frac{88}{\text{Answer}}$

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

$\frac{72}{\text{Answer}}$

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

$\frac{28}{\text{Answer}}$

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

$\frac{119}{\text{Answer}}$

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

$\frac{51}{\text{Answer}}$

9) $2 \times (8 + 5)$ $\frac{(2 \times 8) + (2 \times 5)}{\text{Distributive Property}}$

$\frac{26}{\text{Answer}}$

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

$\frac{68}{\text{Answer}}$

Answers

1a. $(7 \times 3) + (7 \times 8)$

77

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

27

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

24

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

88

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

72

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

28

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

119

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

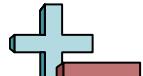
51

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

26

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

68



Determining Distributive Property

Name: _____

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

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

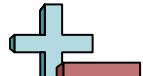
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $3 \times (2 + 4)$ $\frac{(3 \times 2) + (3 \times 4)}{\text{Distributive Property}}$ $\frac{18}{\text{Answer}}$

2) $4 \times (6 + 9)$ $\frac{(4 \times 6) + (4 \times 9)}{\text{Distributive Property}}$ $\frac{60}{\text{Answer}}$

3) $2 \times (3 + 2)$ $\frac{(2 \times 3) + (2 \times 2)}{\text{Distributive Property}}$ $\frac{10}{\text{Answer}}$

4) $4 \times (5 + 2)$ $\frac{(4 \times 5) + (4 \times 2)}{\text{Distributive Property}}$ $\frac{28}{\text{Answer}}$

5) $9 \times (2 + 4)$ $\frac{(9 \times 2) + (9 \times 4)}{\text{Distributive Property}}$ $\frac{54}{\text{Answer}}$

6) $6 \times (2 + 6)$ $\frac{(6 \times 2) + (6 \times 6)}{\text{Distributive Property}}$ $\frac{48}{\text{Answer}}$

7) $3 \times (4 + 4)$ $\frac{(3 \times 4) + (3 \times 4)}{\text{Distributive Property}}$ $\frac{24}{\text{Answer}}$

8) $6 \times (6 + 9)$ $\frac{(6 \times 6) + (6 \times 9)}{\text{Distributive Property}}$ $\frac{90}{\text{Answer}}$

9) $4 \times (7 + 6)$ $\frac{(4 \times 7) + (4 \times 6)}{\text{Distributive Property}}$ $\frac{52}{\text{Answer}}$

10) $2 \times (5 + 6)$ $\frac{(2 \times 5) + (2 \times 6)}{\text{Distributive Property}}$ $\frac{22}{\text{Answer}}$

Answers

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

1b. 18

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

2b. 60

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

3b. 10

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

4b. 28

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

5b. 54

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

6b. 48

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

7b. 24

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

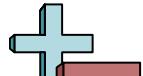
8b. 90

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

9b. 52

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

10b. 22



Determining Distributive Property

Name: _____

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

1) $3 \times (3 + 5)$

Distributive Property

Answer

2) $6 \times (7 + 8)$

Distributive Property

Answer

3) $8 \times (6 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

6) $2 \times (4 + 3)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10) $6 \times (7 + 6)$

Distributive Property

Answer

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

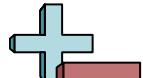
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $3 \times (3 + 5)$ $\frac{(3 \times 3) + (3 \times 5)}{\text{Distributive Property}}$ $\frac{24}{\text{Answer}}$

2) $6 \times (7 + 8)$ $\frac{(6 \times 7) + (6 \times 8)}{\text{Distributive Property}}$ $\frac{90}{\text{Answer}}$

3) $8 \times (6 + 4)$ $\frac{(8 \times 6) + (8 \times 4)}{\text{Distributive Property}}$ $\frac{80}{\text{Answer}}$

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

5) $8 \times (6 + 8)$ $\frac{(8 \times 6) + (8 \times 8)}{\text{Distributive Property}}$ $\frac{112}{\text{Answer}}$

6) $2 \times (4 + 3)$ $\frac{(2 \times 4) + (2 \times 3)}{\text{Distributive Property}}$ $\frac{14}{\text{Answer}}$

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

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

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

10) $6 \times (7 + 6)$ $\frac{(6 \times 7) + (6 \times 6)}{\text{Distributive Property}}$ $\frac{78}{\text{Answer}}$

Answers

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

1b. 24

2a. $(6 \times 7) + (6 \times 8)$

2b. 90

3a. $(8 \times 6) + (8 \times 4)$

3b. 80

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

4b. 48

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

5b. 112

6a. $(2 \times 4) + (2 \times 3)$

6b. 14

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

7b. 20

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

8b. 72

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

9b. 63

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

10b. 78



Determining Distributive Property

Name: _____

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

1) $5 \times (2 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10) $2 \times (3 + 5)$

Distributive Property

AnswerAnswers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

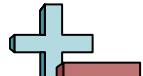
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $5 \times (2 + 2)$ $\frac{(5 \times 2) + (5 \times 2)}{\text{Distributive Property}}$ $\frac{20}{\text{Answer}}$

2) $7 \times (3 + 7)$ $\frac{(7 \times 3) + (7 \times 7)}{\text{Distributive Property}}$ $\frac{70}{\text{Answer}}$

3) $6 \times (7 + 5)$ $\frac{(6 \times 7) + (6 \times 5)}{\text{Distributive Property}}$ $\frac{72}{\text{Answer}}$

4) $3 \times (4 + 5)$ $\frac{(3 \times 4) + (3 \times 5)}{\text{Distributive Property}}$ $\frac{27}{\text{Answer}}$

5) $2 \times (6 + 2)$ $\frac{(2 \times 6) + (2 \times 2)}{\text{Distributive Property}}$ $\frac{16}{\text{Answer}}$

6) $5 \times (4 + 3)$ $\frac{(5 \times 4) + (5 \times 3)}{\text{Distributive Property}}$ $\frac{35}{\text{Answer}}$

7) $9 \times (8 + 7)$ $\frac{(9 \times 8) + (9 \times 7)}{\text{Distributive Property}}$ $\frac{135}{\text{Answer}}$

8) $9 \times (7 + 9)$ $\frac{(9 \times 7) + (9 \times 9)}{\text{Distributive Property}}$ $\frac{144}{\text{Answer}}$

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

10) $2 \times (3 + 5)$ $\frac{(2 \times 3) + (2 \times 5)}{\text{Distributive Property}}$ $\frac{16}{\text{Answer}}$

Answers

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

1b. 20

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

2b. 70

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

3b. 72

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

4b. 27

5a. $(2 \times 6) + (2 \times 2)$

5b. 16

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

6b. 35

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

7b. 135

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

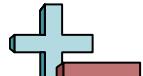
8b. 144

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

9b. 22

10a. $(2 \times 3) + (2 \times 5)$

10b. 16



Determining Distributive Property

Name: _____

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

1) $2 \times (8 + 7)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

4) $7 \times (9 + 8)$

Distributive Property

Answer

5) $2 \times (3 + 4)$

Distributive Property

Answer

6) $8 \times (9 + 7)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

AnswerAnswers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

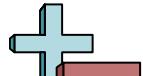
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $2 \times (8 + 7)$ $\frac{(2 \times 8) + (2 \times 7)}{\text{Distributive Property}}$ $\frac{30}{\text{Answer}}$

2) $9 \times (6 + 6)$ $\frac{(9 \times 6) + (9 \times 6)}{\text{Distributive Property}}$ $\frac{108}{\text{Answer}}$

3) $3 \times (8 + 4)$ $\frac{(3 \times 8) + (3 \times 4)}{\text{Distributive Property}}$ $\frac{36}{\text{Answer}}$

4) $7 \times (9 + 8)$ $\frac{(7 \times 9) + (7 \times 8)}{\text{Distributive Property}}$ $\frac{119}{\text{Answer}}$

5) $2 \times (3 + 4)$ $\frac{(2 \times 3) + (2 \times 4)}{\text{Distributive Property}}$ $\frac{14}{\text{Answer}}$

6) $8 \times (9 + 7)$ $\frac{(8 \times 9) + (8 \times 7)}{\text{Distributive Property}}$ $\frac{128}{\text{Answer}}$

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

8) $4 \times (5 + 8)$ $\frac{(4 \times 5) + (4 \times 8)}{\text{Distributive Property}}$ $\frac{52}{\text{Answer}}$

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

10) $5 \times (6 + 5)$ $\frac{(5 \times 6) + (5 \times 5)}{\text{Distributive Property}}$ $\frac{55}{\text{Answer}}$

Answers

1a. $(2 \times 8) + (2 \times 7)$

1b. 30

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

2b. 108

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

3b. 36

4a. $(7 \times 9) + (7 \times 8)$

4b. 119

5a. $(2 \times 3) + (2 \times 4)$

5b. 14

6a. $(8 \times 9) + (8 \times 7)$

6b. 128

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

7b. 63

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

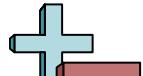
8b. 52

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

9b. 77

10a. $(5 \times 6) + (5 \times 5)$

10b. 55



Determining Distributive Property

Name: _____

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

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

Distributive Property

Answer

2) $6 \times (2 + 3)$

Distributive Property

Answer

3) $5 \times (7 + 8)$

Distributive Property

Answer

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

Distributive Property

Answer

5) $3 \times (6 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

7) $2 \times (6 + 6)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10) $8 \times (3 + 8)$

Distributive Property

AnswerAnswers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

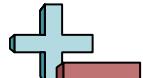
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

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

$\frac{72}{\text{Answer}}$

2) $6 \times (2 + 3)$ $\frac{(6 \times 2) + (6 \times 3)}{\text{Distributive Property}}$

$\frac{30}{\text{Answer}}$

3) $5 \times (7 + 8)$ $\frac{(5 \times 7) + (5 \times 8)}{\text{Distributive Property}}$

$\frac{75}{\text{Answer}}$

4) $5 \times (4 + 9)$ $\frac{(5 \times 4) + (5 \times 9)}{\text{Distributive Property}}$

$\frac{65}{\text{Answer}}$

5) $3 \times (6 + 2)$ $\frac{(3 \times 6) + (3 \times 2)}{\text{Distributive Property}}$

$\frac{24}{\text{Answer}}$

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

$\frac{64}{\text{Answer}}$

7) $2 \times (6 + 6)$ $\frac{(2 \times 6) + (2 \times 6)}{\text{Distributive Property}}$

$\frac{24}{\text{Answer}}$

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

$\frac{48}{\text{Answer}}$

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

$\frac{91}{\text{Answer}}$

10) $8 \times (3 + 8)$ $\frac{(8 \times 3) + (8 \times 8)}{\text{Distributive Property}}$

$\frac{88}{\text{Answer}}$

Answers

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

72

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

30

3a. $(5 \times 7) + (5 \times 8)$

75

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

65

5a. $(3 \times 6) + (3 \times 2)$

24

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

64

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

24

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

48

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

91

10a. $(8 \times 3) + (8 \times 8)$

88



Determining Distributive Property

Name: _____

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

1) $5 \times (8 + 4)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

7) $6 \times (3 + 4)$

Distributive Property

Answer

8) $2 \times (5 + 3)$

Distributive Property

Answer

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

Distributive Property

Answer

10) $5 \times (4 + 7)$

Distributive Property

Answer

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

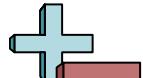
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $5 \times (8 + 4)$ $\frac{(5 \times 8) + (5 \times 4)}{\text{Distributive Property}}$ $\frac{60}{\text{Answer}}$

2) $4 \times (5 + 2)$ $\frac{(4 \times 5) + (4 \times 2)}{\text{Distributive Property}}$ $\frac{28}{\text{Answer}}$

3) $2 \times (3 + 8)$ $\frac{(2 \times 3) + (2 \times 8)}{\text{Distributive Property}}$ $\frac{22}{\text{Answer}}$

4) $4 \times (7 + 4)$ $\frac{(4 \times 7) + (4 \times 4)}{\text{Distributive Property}}$ $\frac{44}{\text{Answer}}$

5) $9 \times (9 + 6)$ $\frac{(9 \times 9) + (9 \times 6)}{\text{Distributive Property}}$ $\frac{135}{\text{Answer}}$

6) $9 \times (5 + 6)$ $\frac{(9 \times 5) + (9 \times 6)}{\text{Distributive Property}}$ $\frac{99}{\text{Answer}}$

7) $6 \times (3 + 4)$ $\frac{(6 \times 3) + (6 \times 4)}{\text{Distributive Property}}$ $\frac{42}{\text{Answer}}$

8) $2 \times (5 + 3)$ $\frac{(2 \times 5) + (2 \times 3)}{\text{Distributive Property}}$ $\frac{16}{\text{Answer}}$

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

10) $5 \times (4 + 7)$ $\frac{(5 \times 4) + (5 \times 7)}{\text{Distributive Property}}$ $\frac{55}{\text{Answer}}$

Answers

1a. $(5 \times 8) + (5 \times 4)$

1b. 60

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

2b. 28

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

3b. 22

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

4b. 44

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

5b. 135

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

6b. 99

7a. $(6 \times 3) + (6 \times 4)$

7b. 42

8a. $(2 \times 5) + (2 \times 3)$

8b. 16

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

9b. 144

10a. $(5 \times 4) + (5 \times 7)$

10b. 55



Determining Distributive Property

Name: _____

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

1) $7 \times (3 + 5)$

Distributive Property

Answer

2) $6 \times (7 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

5) $6 \times (9 + 7)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

9) $5 \times (3 + 7)$

Distributive Property

Answer

10) $2 \times (3 + 8)$

Distributive Property

Answer

Answers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

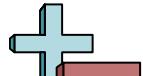
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $7 \times (3 + 5)$ $\frac{(7 \times 3) + (7 \times 5)}{\text{Distributive Property}}$ $\frac{56}{\text{Answer}}$

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

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

4) $9 \times (4 + 5)$ $\frac{(9 \times 4) + (9 \times 5)}{\text{Distributive Property}}$ $\frac{81}{\text{Answer}}$

5) $6 \times (9 + 7)$ $\frac{(6 \times 9) + (6 \times 7)}{\text{Distributive Property}}$ $\frac{96}{\text{Answer}}$

6) $3 \times (6 + 3)$ $\frac{(3 \times 6) + (3 \times 3)}{\text{Distributive Property}}$ $\frac{27}{\text{Answer}}$

7) $5 \times (8 + 9)$ $\frac{(5 \times 8) + (5 \times 9)}{\text{Distributive Property}}$ $\frac{85}{\text{Answer}}$

8) $7 \times (2 + 8)$ $\frac{(7 \times 2) + (7 \times 8)}{\text{Distributive Property}}$ $\frac{70}{\text{Answer}}$

9) $5 \times (3 + 7)$ $\frac{(5 \times 3) + (5 \times 7)}{\text{Distributive Property}}$ $\frac{50}{\text{Answer}}$

10) $2 \times (3 + 8)$ $\frac{(2 \times 3) + (2 \times 8)}{\text{Distributive Property}}$ $\frac{22}{\text{Answer}}$

Answers

1a. $(7 \times 3) + (7 \times 5)$

1b. 56

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

2b. 54

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

3b. 36

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

4b. 81

5a. $(6 \times 9) + (6 \times 7)$

5b. 96

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

6b. 27

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

7b. 85

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

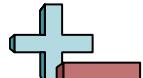
8b. 70

9a. $(5 \times 3) + (5 \times 7)$

9b. 50

10a. $(2 \times 3) + (2 \times 8)$

10b. 22



Determining Distributive Property

Name: _____

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

1) $6 \times (5 + 6)$

Distributive Property

Answer

2) $7 \times (9 + 5)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

5) $4 \times (7 + 9)$

Distributive Property

Answer

6) $6 \times (7 + 2)$

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

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

Distributive Property

Answer

10) $6 \times (6 + 7)$

Distributive Property

AnswerAnswers

1a. _____

1b. _____

2a. _____

2b. _____

3a. _____

3b. _____

4a. _____

4b. _____

5a. _____

5b. _____

6a. _____

6b. _____

7a. _____

7b. _____

8a. _____

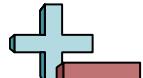
8b. _____

9a. _____

9b. _____

10a. _____

10b. _____



Determining Distributive Property

Name: **Answer Key**

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

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

$$\frac{66}{\text{Answer}}$$

Answers

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

66

2) $7 \times (9 + 5)$ $\frac{(7 \times 9) + (7 \times 5)}{\text{Distributive Property}}$

$$\frac{98}{\text{Answer}}$$

1b. $(7 \times 9) + (7 \times 5)$

66

3) $4 \times (9 + 3)$ $\frac{(4 \times 9) + (4 \times 3)}{\text{Distributive Property}}$

$$\frac{48}{\text{Answer}}$$

2a. $(7 \times 9) + (7 \times 5)$

98

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

$$\frac{120}{\text{Answer}}$$

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

48

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

120

5) $4 \times (7 + 9)$ $\frac{(4 \times 7) + (4 \times 9)}{\text{Distributive Property}}$

$$\frac{64}{\text{Answer}}$$

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

64

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

120

6) $6 \times (7 + 2)$ $\frac{(6 \times 7) + (6 \times 2)}{\text{Distributive Property}}$

$$\frac{54}{\text{Answer}}$$

5a. $(4 \times 7) + (4 \times 9)$

64

5b. $(4 \times 7) + (4 \times 9)$

64

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

$$\frac{60}{\text{Answer}}$$

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

54

6b. $(6 \times 7) + (6 \times 2)$

54

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

$$\frac{99}{\text{Answer}}$$

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

60

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

60

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

$$\frac{96}{\text{Answer}}$$

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

99

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

99

10) $6 \times (6 + 7)$ $\frac{(6 \times 6) + (6 \times 7)}{\text{Distributive Property}}$

$$\frac{78}{\text{Answer}}$$

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

96

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

96

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

78

10b. $(6 \times 6) + (6 \times 7)$

78