

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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

1. $\frac{(3 \times 9) + (3 \times 6)}{}$ **45**

2. $\frac{(3 \times 7) + (3 \times 3)}{}$ **30**

3. $\frac{(7 \times 3) + (7 \times 3)}{}$ **42**

4. $\frac{(7 \times 2) + (7 \times 2)}{}$ **28**

5. $\frac{(8 \times 3) + (8 \times 9)}{}$ **96**

6. $\frac{(4 \times 4) + (4 \times 7)}{}$ **44**

7. $\frac{(8 \times 4) + (8 \times 5)}{}$ **72**

8. $\frac{(7 \times 4) + (7 \times 8)}{}$ **84**

9. $\frac{(5 \times 5) + (5 \times 4)}{}$ **45**

10. $\frac{(4 \times 5) + (4 \times 8)}{}$ **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

1. _____

2. _____

3. _____

4. _____

5. _____

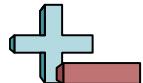
6. _____

7. _____

8. _____

9. _____

10. _____



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

1. $\frac{(7 \times 3) + (7 \times 8)}{}$ **77**

2. $\frac{(3 \times 6) + (3 \times 3)}{}$ **27**

3. $\frac{(6 \times 2) + (6 \times 2)}{}$ **24**

4. $\frac{(8 \times 3) + (8 \times 8)}{}$ **88**

5. $\frac{(8 \times 2) + (8 \times 7)}{}$ **72**

6. $\frac{(4 \times 4) + (4 \times 3)}{}$ **28**

7. $\frac{(7 \times 9) + (7 \times 8)}{}$ **119**

8. $\frac{(3 \times 9) + (3 \times 8)}{}$ **51**

9. $\frac{(2 \times 8) + (2 \times 5)}{}$ **26**

10. $\frac{(4 \times 8) + (4 \times 9)}{}$ **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

1. _____

2. _____

3. _____

4. _____

5. _____

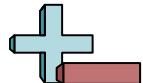
6. _____

7. _____

8. _____

9. _____

10. _____



Determining Distributive Property

Name: **Answer Key**

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

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

18

Answer

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

60

Answer

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

10

Answer

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

28

Answer

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

54

Answer

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

48

Answer

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

24

Answer

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

90

Answer

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

52

Answer

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

22

Answer

Answers

1. $\frac{(3 \times 2) + (3 \times 4)}{}$ **18**

2. $\frac{(4 \times 6) + (4 \times 9)}{}$ **60**

3. $\frac{(2 \times 3) + (2 \times 2)}{}$ **10**

4. $\frac{(4 \times 5) + (4 \times 2)}{}$ **28**

5. $\frac{(9 \times 2) + (9 \times 4)}{}$ **54**

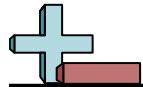
6. $\frac{(6 \times 2) + (6 \times 6)}{}$ **48**

7. $\frac{(3 \times 4) + (3 \times 4)}{}$ **24**

8. $\frac{(6 \times 6) + (6 \times 9)}{}$ **90**

9. $\frac{(4 \times 7) + (4 \times 6)}{}$ **52**

10. $\frac{(2 \times 5) + (2 \times 6)}{}$ **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

1. _____

2. _____

3. _____

4. _____

5. _____

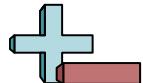
6. _____

7. _____

8. _____

9. _____

10. _____



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

1. $\frac{(3 \times 3) + (3 \times 5)}{}$ **24**

2. $\frac{(6 \times 7) + (6 \times 8)}{}$ **90**

3. $\frac{(8 \times 6) + (8 \times 4)}{}$ **80**

4. $\frac{(4 \times 4) + (4 \times 8)}{}$ **48**

5. $\frac{(8 \times 6) + (8 \times 8)}{}$ **112**

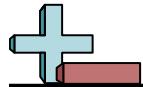
6. $\frac{(2 \times 4) + (2 \times 3)}{}$ **14**

7. $\frac{(2 \times 3) + (2 \times 7)}{}$ **20**

8. $\frac{(9 \times 4) + (9 \times 4)}{}$ **72**

9. $\frac{(9 \times 3) + (9 \times 4)}{}$ **63**

10. $\frac{(6 \times 7) + (6 \times 6)}{}$ **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

Answer

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

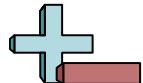
6. _____

7. _____

8. _____

9. _____

10. _____



Determining Distributive Property

Name: **Answer Key**

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

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

20
Answer

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

70
Answer

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

72
Answer

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

27
Answer

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

16
Answer

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

35
Answer

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

135
Answer

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

144
Answer

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

22
Answer

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

16
Answer

Answers

1. $\frac{(5 \times 2) + (5 \times 2)}{}$ **20**

2. $\frac{(7 \times 3) + (7 \times 7)}{}$ **70**

3. $\frac{(6 \times 7) + (6 \times 5)}{}$ **72**

4. $\frac{(3 \times 4) + (3 \times 5)}{}$ **27**

5. $\frac{(2 \times 6) + (2 \times 2)}{}$ **16**

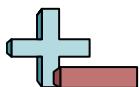
6. $\frac{(5 \times 4) + (5 \times 3)}{}$ **35**

7. $\frac{(9 \times 8) + (9 \times 7)}{}$ **135**

8. $\frac{(9 \times 7) + (9 \times 9)}{}$ **144**

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

10. $\frac{(2 \times 3) + (2 \times 5)}{}$ **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

Answer

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

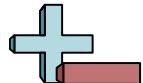
6. _____

7. _____

8. _____

9. _____

10. _____



Determining Distributive Property

Name: **Answer Key**

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

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

30
Answer

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

108
Answer

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

36
Answer

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

119
Answer

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

14
Answer

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

128
Answer

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

63
Answer

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

52
Answer

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

77
Answer

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

55
Answer

Answers

1. $\frac{(2 \times 8) + (2 \times 7)}{}$ **30**

2. $\frac{(9 \times 6) + (9 \times 6)}{}$ **108**

3. $\frac{(3 \times 8) + (3 \times 4)}{}$ **36**

4. $\frac{(7 \times 9) + (7 \times 8)}{}$ **119**

5. $\frac{(2 \times 3) + (2 \times 4)}{}$ **14**

6. $\frac{(8 \times 9) + (8 \times 7)}{}$ **128**

7. $\frac{(9 \times 3) + (9 \times 4)}{}$ **63**

8. $\frac{(4 \times 5) + (4 \times 8)}{}$ **52**

9. $\frac{(7 \times 9) + (7 \times 2)}{}$ **77**

10. $\frac{(5 \times 6) + (5 \times 5)}{}$ **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

Answer

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

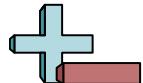
6. _____

7. _____

8. _____

9. _____

10. _____



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

1. $\frac{(8 \times 6) + (8 \times 3)}{}$ **72**

2. $\frac{(6 \times 2) + (6 \times 3)}{}$ **30**

3. $\frac{(5 \times 7) + (5 \times 8)}{}$ **75**

4. $\frac{(5 \times 4) + (5 \times 9)}{}$ **65**

5. $\frac{(3 \times 6) + (3 \times 2)}{}$ **24**

6. $\frac{(4 \times 7) + (4 \times 9)}{}$ **64**

7. $\frac{(2 \times 6) + (2 \times 6)}{}$ **24**

8. $\frac{(6 \times 2) + (6 \times 6)}{}$ **48**

9. $\frac{(7 \times 7) + (7 \times 6)}{}$ **91**

10. $\frac{(8 \times 3) + (8 \times 8)}{}$ **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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

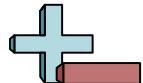
7. _____

8. _____

9. _____

10. _____

Answers



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

1. $\frac{(5 \times 8) + (5 \times 4)}{}$ **60**

2. $\frac{(4 \times 5) + (4 \times 2)}{}$ **28**

3. $\frac{(2 \times 3) + (2 \times 8)}{}$ **22**

4. $\frac{(4 \times 7) + (4 \times 4)}{}$ **44**

5. $\frac{(9 \times 9) + (9 \times 6)}{}$ **135**

6. $\frac{(9 \times 5) + (9 \times 6)}{}$ **99**

7. $\frac{(6 \times 3) + (6 \times 4)}{}$ **42**

8. $\frac{(2 \times 5) + (2 \times 3)}{}$ **16**

9. $\frac{(9 \times 8) + (9 \times 8)}{}$ **144**

10. $\frac{(5 \times 4) + (5 \times 7)}{}$ **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

1. _____

2. _____

3. _____

4. _____

5. _____

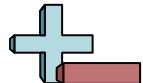
6. _____

7. _____

8. _____

9. _____

10. _____



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

1. $\frac{(7 \times 3) + (7 \times 5)}{}$ **56**

2. $\frac{(6 \times 7) + (6 \times 2)}{}$ **54**

3. $\frac{(4 \times 3) + (4 \times 6)}{}$ **36**

4. $\frac{(9 \times 4) + (9 \times 5)}{}$ **81**

5. $\frac{(6 \times 9) + (6 \times 7)}{}$ **96**

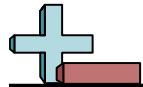
6. $\frac{(3 \times 6) + (3 \times 3)}{}$ **27**

7. $\frac{(5 \times 8) + (5 \times 9)}{}$ **85**

8. $\frac{(7 \times 2) + (7 \times 8)}{}$ **70**

9. $\frac{(5 \times 3) + (5 \times 7)}{}$ **50**

10. $\frac{(2 \times 3) + (2 \times 8)}{}$ **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

Answer

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

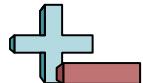
6. _____

7. _____

8. _____

9. _____

10. _____



Determining Distributive Property

Name: **Answer Key**

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

1) $6 \times (5 + 6)$ $\frac{(6 \times 5) + (6 \times 6)}{\text{Distributive Property}}$ $\frac{66}{\text{Answer}}$

2) $7 \times (9 + 5)$ $\frac{(7 \times 9) + (7 \times 5)}{\text{Distributive Property}}$ $\frac{98}{\text{Answer}}$

3) $4 \times (9 + 3)$ $\frac{(4 \times 9) + (4 \times 3)}{\text{Distributive Property}}$ $\frac{48}{\text{Answer}}$

4) $8 \times (7 + 8)$ $\frac{(8 \times 7) + (8 \times 8)}{\text{Distributive Property}}$ $\frac{120}{\text{Answer}}$

5) $4 \times (7 + 9)$ $\frac{(4 \times 7) + (4 \times 9)}{\text{Distributive Property}}$ $\frac{64}{\text{Answer}}$

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

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

8) $9 \times (9 + 2)$ $\frac{(9 \times 9) + (9 \times 2)}{\text{Distributive Property}}$ $\frac{99}{\text{Answer}}$

9) $8 \times (4 + 8)$ $\frac{(8 \times 4) + (8 \times 8)}{\text{Distributive Property}}$ $\frac{96}{\text{Answer}}$

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

Answers

1. $\frac{(6 \times 5) + (6 \times 6)}{}$ **66**

2. $\frac{(7 \times 9) + (7 \times 5)}{}$ **98**

3. $\frac{(4 \times 9) + (4 \times 3)}{}$ **48**

4. $\frac{(8 \times 7) + (8 \times 8)}{}$ **120**

5. $\frac{(4 \times 7) + (4 \times 9)}{}$ **64**

6. $\frac{(6 \times 7) + (6 \times 2)}{}$ **54**

7. $\frac{(5 \times 5) + (5 \times 7)}{}$ **60**

8. $\frac{(9 \times 9) + (9 \times 2)}{}$ **99**

9. $\frac{(8 \times 4) + (8 \times 8)}{}$ **96**

10. $\frac{(6 \times 6) + (6 \times 7)}{}$ **78**