Distributive Property Multiplication (A)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 81×7
$= (80 + 1) \times (7)$
$= (80 \times 7) + (1 \times 7)$
$= 560 + 7 = \boxed{567}$

1. 21×5

2. 60×4

3. 84×8

4. 15×5

5. 80×6

6. 71×8

7. 86×2

8. 34×2

9. 83×9

10. 35×2

Distributive Property Multiplication (A) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 81×7
$= (80 + 1) \times (7)$
$= (80 \times 7) + (1 \times 7)$
$= 560 + 7 = \boxed{567}$

1. 21×5
$= (20 + 1) \times (5)$
$= (20 \times 5) + (1 \times 5)$
$= 100 + 5 = \boxed{105}$

2. 60×4
$= (60 + 0) \times (4)$
$= (60 \times 4) + (0 \times 4)$
$= 240 + 0 = \boxed{240}$

3. 84×8
$= (80 + 4) \times (8)$
$= (80 \times 8) + (4 \times 8)$
$= 640 + 32 = \boxed{672}$

4. 15×5
$= (10 + 5) \times (5)$
$= (10 \times 5) + (5 \times 5)$
$= 50 + 25 = \boxed{75}$

5. 80×6
$= (80 + 0) \times (6)$
$= (80 \times 6) + (0 \times 6)$
$= 480 + 0 = \boxed{480}$

6. 71×8
$= (70 + 1) \times (8)$
$= (70 \times 8) + (1 \times 8)$
$= 560 + 8 = \boxed{568}$

7. 86×2
$= (80 + 6) \times (2)$
$= (80 \times 2) + (6 \times 2)$
$= 160 + 12 = \boxed{172}$

8. 34×2
$= (30 + 4) \times (2)$
$= (30 \times 2) + (4 \times 2)$
$= 60 + 8 = \boxed{68}$

9. 83×9
$= (80 + 3) \times (9)$
$= (80 \times 9) + (3 \times 9)$
$= 720 + 27 = \boxed{747}$

10. 35×2
$= (30 + 5) \times (2)$
$= (30 \times 2) + (5 \times 2)$
$= 60 + 10 = \boxed{70}$

Distributive Property Multiplication (B)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 99×7

$= (90 + 9) \times (7)$

$= (90 \times 7) + (9 \times 7)$

$= 630 + 63 = \boxed{693}$

1. 42×3

2. 72×3

3. 89×5

4. 58×7

5. 10×3

6. 14×5

7. 36×6

8. 47×2

9. 75×9

10. 59×9

Distributive Property Multiplication (B) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 99×7
$= (90 + 9) \times (7)$
$= (90 \times 7) + (9 \times 7)$
$= 630 + 63 =$ **693**

1. 42×3
$= (40 + 2) \times (3)$
$= (40 \times 3) + (2 \times 3)$
$= 120 + 6 =$ **126**

2. 72×3
$= (70 + 2) \times (3)$
$= (70 \times 3) + (2 \times 3)$
$= 210 + 6 =$ **216**

3. 89×5
$= (80 + 9) \times (5)$
$= (80 \times 5) + (9 \times 5)$
$= 400 + 45 =$ **445**

4. 58×7
$= (50 + 8) \times (7)$
$= (50 \times 7) + (8 \times 7)$
$= 350 + 56 =$ **406**

5. 10×3
$= (10 + 0) \times (3)$
$= (10 \times 3) + (0 \times 3)$
$= 30 + 0 =$ **30**

6. 14×5
$= (10 + 4) \times (5)$
$= (10 \times 5) + (4 \times 5)$
$= 50 + 20 =$ **70**

7. 36×6
$= (30 + 6) \times (6)$
$= (30 \times 6) + (6 \times 6)$
$= 180 + 36 =$ **216**

8. 47×2
$= (40 + 7) \times (2)$
$= (40 \times 2) + (7 \times 2)$
$= 80 + 14 =$ **94**

9. 75×9
$= (70 + 5) \times (9)$
$= (70 \times 9) + (5 \times 9)$
$= 630 + 45 =$ **675**

10. 59×9
$= (50 + 9) \times (9)$
$= (50 \times 9) + (9 \times 9)$
$= 450 + 81 =$ **531**

Distributive Property Multiplication (C)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 47×3
$= (40 + 7) \times (3)$
$= (40 \times 3) + (7 \times 3)$
$= 120 + 21 = \boxed{141}$

1. 88×2

2. 87×5

3. 63×9

4. 84×4

5. 19×6

6. 92×9

7. 31×8

8. 26×7

9. 21×6

10. 63×4

Distributive Property Multiplication (C) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 47×3
$= (40 + 7) \times (3)$
$= (40 \times 3) + (7 \times 3)$
$= 120 + 21 =$ **141**

1. 88×2
$= (80 + 8) \times (2)$
$= (80 \times 2) + (8 \times 2)$
$= 160 + 16 =$ **176**

2. 87×5
$= (80 + 7) \times (5)$
$= (80 \times 5) + (7 \times 5)$
$= 400 + 35 =$ **435**

3. 63×9
$= (60 + 3) \times (9)$
$= (60 \times 9) + (3 \times 9)$
$= 540 + 27 =$ **567**

4. 84×4
$= (80 + 4) \times (4)$
$= (80 \times 4) + (4 \times 4)$
$= 320 + 16 =$ **336**

5. 19×6
$= (10 + 9) \times (6)$
$= (10 \times 6) + (9 \times 6)$
$= 60 + 54 =$ **114**

6. 92×9
$= (90 + 2) \times (9)$
$= (90 \times 9) + (2 \times 9)$
$= 810 + 18 =$ **828**

7. 31×8
$= (30 + 1) \times (8)$
$= (30 \times 8) + (1 \times 8)$
$= 240 + 8 =$ **248**

8. 26×7
$= (20 + 6) \times (7)$
$= (20 \times 7) + (6 \times 7)$
$= 140 + 42 =$ **182**

9. 21×6
$= (20 + 1) \times (6)$
$= (20 \times 6) + (1 \times 6)$
$= 120 + 6 =$ **126**

10. 63×4
$= (60 + 3) \times (4)$
$= (60 \times 4) + (3 \times 4)$
$= 240 + 12 =$ **252**

Distributive Property Multiplication (D)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 25×5
$= (20 + 5) \times (5)$
$= (20 \times 5) + (5 \times 5)$
$= 100 + 25 = \boxed{125}$

1. 41×4

2. 26×2

3. 26×4

4. 12×8

5. 47×9

6. 66×5

7. 40×7

8. 78×6

9. 77×3

10. 85×6

Distributive Property Multiplication (D) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 25×5
$= (20 + 5) \times (5)$
$= (20 \times 5) + (5 \times 5)$
$= 100 + 25 =$ **125**

1. 41×4
$= (40 + 1) \times (4)$
$= (40 \times 4) + (1 \times 4)$
$= 160 + 4 =$ **164**

2. 26×2
$= (20 + 6) \times (2)$
$= (20 \times 2) + (6 \times 2)$
$= 40 + 12 =$ **52**

3. 26×4
$= (20 + 6) \times (4)$
$= (20 \times 4) + (6 \times 4)$
$= 80 + 24 =$ **104**

4. 12×8
$= (10 + 2) \times (8)$
$= (10 \times 8) + (2 \times 8)$
$= 80 + 16 =$ **96**

5. 47×9
$= (40 + 7) \times (9)$
$= (40 \times 9) + (7 \times 9)$
$= 360 + 63 =$ **423**

6. 66×5
$= (60 + 6) \times (5)$
$= (60 \times 5) + (6 \times 5)$
$= 300 + 30 =$ **330**

7. 40×7
$= (40 + 0) \times (7)$
$= (40 \times 7) + (0 \times 7)$
$= 280 + 0 =$ **280**

8. 78×6
$= (70 + 8) \times (6)$
$= (70 \times 6) + (8 \times 6)$
$= 420 + 48 =$ **468**

9. 77×3
$= (70 + 7) \times (3)$
$= (70 \times 3) + (7 \times 3)$
$= 210 + 21 =$ **231**

10. 85×6
$= (80 + 5) \times (6)$
$= (80 \times 6) + (5 \times 6)$
$= 480 + 30 =$ **510**

Distributive Property Multiplication (E)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 12×9
$= (10 + 2) \times (9)$
$= (10 \times 9) + (2 \times 9)$
$= 90 + 18 = \boxed{108}$

1. 21×2

2. 83×7

3. 33×5

4. 46×7

5. 17×7

6. 69×6

7. 81×4

8. 83×5

9. 30×5

10. 84×3

Distributive Property Multiplication (E) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 12×9
$= (10 + 2) \times (9)$
$= (10 \times 9) + (2 \times 9)$
$= 90 + 18 =$ **108**

1. 21×2
$= (20 + 1) \times (2)$
$= (20 \times 2) + (1 \times 2)$
$= 40 + 2 =$ **42**

2. 83×7
$= (80 + 3) \times (7)$
$= (80 \times 7) + (3 \times 7)$
$= 560 + 21 =$ **581**

3. 33×5
$= (30 + 3) \times (5)$
$= (30 \times 5) + (3 \times 5)$
$= 150 + 15 =$ **165**

4. 46×7
$= (40 + 6) \times (7)$
$= (40 \times 7) + (6 \times 7)$
$= 280 + 42 =$ **322**

5. 17×7
$= (10 + 7) \times (7)$
$= (10 \times 7) + (7 \times 7)$
$= 70 + 49 =$ **119**

6. 69×6
$= (60 + 9) \times (6)$
$= (60 \times 6) + (9 \times 6)$
$= 360 + 54 =$ **414**

7. 81×4
$= (80 + 1) \times (4)$
$= (80 \times 4) + (1 \times 4)$
$= 320 + 4 =$ **324**

8. 83×5
$= (80 + 3) \times (5)$
$= (80 \times 5) + (3 \times 5)$
$= 400 + 15 =$ **415**

9. 30×5
$= (30 + 0) \times (5)$
$= (30 \times 5) + (0 \times 5)$
$= 150 + 0 =$ **150**

10. 84×3
$= (80 + 4) \times (3)$
$= (80 \times 3) + (4 \times 3)$
$= 240 + 12 =$ **252**

Distributive Property Multiplication (F)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 49×3
$= (40 + 9) \times (3)$
$= (40 \times 3) + (9 \times 3)$
$= 120 + 27 =$ 147

1. 50×8

2. 36×4

3. 72×9

4. 68×4

5. 60×8

6. 32×4

7. 89×9

8. 51×3

9. 47×3

10. 30×8

Distributive Property Multiplication (F) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 49×3
$= (40 + 9) \times (3)$
$= (40 \times 3) + (9 \times 3)$
$= 120 + 27 = \boxed{147}$

1. 50×8
$= (50 + 0) \times (8)$
$= (50 \times 8) + (0 \times 8)$
$= 400 + 0 = \boxed{400}$

2. 36×4
$= (30 + 6) \times (4)$
$= (30 \times 4) + (6 \times 4)$
$= 120 + 24 = \boxed{144}$

3. 72×9
$= (70 + 2) \times (9)$
$= (70 \times 9) + (2 \times 9)$
$= 630 + 18 = \boxed{648}$

4. 68×4
$= (60 + 8) \times (4)$
$= (60 \times 4) + (8 \times 4)$
$= 240 + 32 = \boxed{272}$

5. 60×8
$= (60 + 0) \times (8)$
$= (60 \times 8) + (0 \times 8)$
$= 480 + 0 = \boxed{480}$

6. 32×4
$= (30 + 2) \times (4)$
$= (30 \times 4) + (2 \times 4)$
$= 120 + 8 = \boxed{128}$

7. 89×9
$= (80 + 9) \times (9)$
$= (80 \times 9) + (9 \times 9)$
$= 720 + 81 = \boxed{801}$

8. 51×3
$= (50 + 1) \times (3)$
$= (50 \times 3) + (1 \times 3)$
$= 150 + 3 = \boxed{153}$

9. 47×3
$= (40 + 7) \times (3)$
$= (40 \times 3) + (7 \times 3)$
$= 120 + 21 = \boxed{141}$

10. 30×8
$= (30 + 0) \times (8)$
$= (30 \times 8) + (0 \times 8)$
$= 240 + 0 = \boxed{240}$

Distributive Property Multiplication (G)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 70×2

$= (70 + 0) \times (2)$

$= (70 \times 2) + (0 \times 2)$

$= 140 + 0 = \boxed{140}$

1. 13×6

2. 78×2

3. 64×4

4. 54×7

5. 21×2

6. 46×8

7. 81×9

8. 87×3

9. 50×8

10. 28×9

Distributive Property Multiplication (G) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 70×2
$= (70 + 0) \times (2)$
$= (70 \times 2) + (0 \times 2)$
$= 140 + 0 =$ 140

1. 13×6
$= (10 + 3) \times (6)$
$= (10 \times 6) + (3 \times 6)$
$= 60 + 18 =$ 78

2. 78×2
$= (70 + 8) \times (2)$
$= (70 \times 2) + (8 \times 2)$
$= 140 + 16 =$ 156

3. 64×4
$= (60 + 4) \times (4)$
$= (60 \times 4) + (4 \times 4)$
$= 240 + 16 =$ 256

4. 54×7
$= (50 + 4) \times (7)$
$= (50 \times 7) + (4 \times 7)$
$= 350 + 28 =$ 378

5. 21×2
$= (20 + 1) \times (2)$
$= (20 \times 2) + (1 \times 2)$
$= 40 + 2 =$ 42

6. 46×8
$= (40 + 6) \times (8)$
$= (40 \times 8) + (6 \times 8)$
$= 320 + 48 =$ 368

7. 81×9
$= (80 + 1) \times (9)$
$= (80 \times 9) + (1 \times 9)$
$= 720 + 9 =$ 729

8. 87×3
$= (80 + 7) \times (3)$
$= (80 \times 3) + (7 \times 3)$
$= 240 + 21 =$ 261

9. 50×8
$= (50 + 0) \times (8)$
$= (50 \times 8) + (0 \times 8)$
$= 400 + 0 =$ 400

10. 28×9
$= (20 + 8) \times (9)$
$= (20 \times 9) + (8 \times 9)$
$= 180 + 72 =$ 252

Distributive Property Multiplication (H)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 48×7
$= (40 + 8) \times (7)$
$= (40 \times 7) + (8 \times 7)$
$= 280 + 56 = \boxed{336}$

1. 46×2

2. 36×6

3. 62×5

4. 57×6

5. 15×3

6. 74×3

7. 59×9

8. 62×6

9. 73×5

10. 30×2

Distributive Property Multiplication (H) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 48×7
$= (40 + 8) \times (7)$
$= (40 \times 7) + (8 \times 7)$
$= 280 + 56 =$ 336

1. 46×2
$= (40 + 6) \times (2)$
$= (40 \times 2) + (6 \times 2)$
$= 80 + 12 =$ 92

2. 36×6
$= (30 + 6) \times (6)$
$= (30 \times 6) + (6 \times 6)$
$= 180 + 36 =$ 216

3. 62×5
$= (60 + 2) \times (5)$
$= (60 \times 5) + (2 \times 5)$
$= 300 + 10 =$ 310

4. 57×6
$= (50 + 7) \times (6)$
$= (50 \times 6) + (7 \times 6)$
$= 300 + 42 =$ 342

5. 15×3
$= (10 + 5) \times (3)$
$= (10 \times 3) + (5 \times 3)$
$= 30 + 15 =$ 45

6. 74×3
$= (70 + 4) \times (3)$
$= (70 \times 3) + (4 \times 3)$
$= 210 + 12 =$ 222

7. 59×9
$= (50 + 9) \times (9)$
$= (50 \times 9) + (9 \times 9)$
$= 450 + 81 =$ 531

8. 62×6
$= (60 + 2) \times (6)$
$= (60 \times 6) + (2 \times 6)$
$= 360 + 12 =$ 372

9. 73×5
$= (70 + 3) \times (5)$
$= (70 \times 5) + (3 \times 5)$
$= 350 + 15 =$ 365

10. 30×2
$= (30 + 0) \times (2)$
$= (30 \times 2) + (0 \times 2)$
$= 60 + 0 =$ 60

Distributive Property Multiplication (I)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 56×8
$= (50 + 6) \times (8)$
$= (50 \times 8) + (6 \times 8)$
$= 400 + 48 = \boxed{448}$

1. 21×8

2. 75×5

3. 88×6

4. 51×2

5. 76×7

6. 11×5

7. 86×7

8. 31×3

9. 84×6

10. 64×9

Distributive Property Multiplication (I) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 56×8
$= (50 + 6) \times (8)$
$= (50 \times 8) + (6 \times 8)$
$= 400 + 48 =$ **448**

1. 21×8
$= (20 + 1) \times (8)$
$= (20 \times 8) + (1 \times 8)$
$= 160 + 8 =$ **168**

2. 75×5
$= (70 + 5) \times (5)$
$= (70 \times 5) + (5 \times 5)$
$= 350 + 25 =$ **375**

3. 88×6
$= (80 + 8) \times (6)$
$= (80 \times 6) + (8 \times 6)$
$= 480 + 48 =$ **528**

4. 51×2
$= (50 + 1) \times (2)$
$= (50 \times 2) + (1 \times 2)$
$= 100 + 2 =$ **102**

5. 76×7
$= (70 + 6) \times (7)$
$= (70 \times 7) + (6 \times 7)$
$= 490 + 42 =$ **532**

6. 11×5
$= (10 + 1) \times (5)$
$= (10 \times 5) + (1 \times 5)$
$= 50 + 5 =$ **55**

7. 86×7
$= (80 + 6) \times (7)$
$= (80 \times 7) + (6 \times 7)$
$= 560 + 42 =$ **602**

8. 31×3
$= (30 + 1) \times (3)$
$= (30 \times 3) + (1 \times 3)$
$= 90 + 3 =$ **93**

9. 84×6
$= (80 + 4) \times (6)$
$= (80 \times 6) + (4 \times 6)$
$= 480 + 24 =$ **504**

10. 64×9
$= (60 + 4) \times (9)$
$= (60 \times 9) + (4 \times 9)$
$= 540 + 36 =$ **576**

Distributive Property Multiplication (J)

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 36×2
$= (30 + 6) \times (2)$
$= (30 \times 2) + (6 \times 2)$
$= 60 + 12 = \boxed{72}$

1. 14×3

2. 38×6

3. 44×9

4. 35×6

5. 49×5

6. 24×2

7. 32×5

8. 21×3

9. 99×4

10. 51×4

Distributive Property Multiplication (J) Answers

Name: _____ Date: _____ Score: _____

Use the distributive property of multiplication to calculate each product.

Ex. 36×2
$= (30 + 6) \times (2)$
$= (30 \times 2) + (6 \times 2)$
$= 60 + 12 =$ 72

1. 14×3
$= (10 + 4) \times (3)$
$= (10 \times 3) + (4 \times 3)$
$= 30 + 12 =$ 42

2. 38×6
$= (30 + 8) \times (6)$
$= (30 \times 6) + (8 \times 6)$
$= 180 + 48 =$ 228

3. 44×9
$= (40 + 4) \times (9)$
$= (40 \times 9) + (4 \times 9)$
$= 360 + 36 =$ 396

4. 35×6
$= (30 + 5) \times (6)$
$= (30 \times 6) + (5 \times 6)$
$= 180 + 30 =$ 210

5. 49×5
$= (40 + 9) \times (5)$
$= (40 \times 5) + (9 \times 5)$
$= 200 + 45 =$ 245

6. 24×2
$= (20 + 4) \times (2)$
$= (20 \times 2) + (4 \times 2)$
$= 40 + 8 =$ 48

7. 32×5
$= (30 + 2) \times (5)$
$= (30 \times 5) + (2 \times 5)$
$= 150 + 10 =$ 160

8. 21×3
$= (20 + 1) \times (3)$
$= (20 \times 3) + (1 \times 3)$
$= 60 + 3 =$ 63

9. 99×4
$= (90 + 9) \times (4)$
$= (90 \times 4) + (9 \times 4)$
$= 360 + 36 =$ 396

10. 51×4
$= (50 + 1) \times (4)$
$= (50 \times 4) + (1 \times 4)$
$= 200 + 4 =$ 204