

Assignment

Date _____ Period _____

Find each product.

1) $(8x - 3.9)^2$

2) $(3.1n - 6.368)^2$

3) $(3.1k - 6.48)(3.1k + 6.48)$

4) $(7.6x + 0.9)(7.6x - 0.9)$

5) $(0.5x + 6.1)(0.5x - 6.1)$

6) $(6.8x - 3.844)(6.8x + 3.844)$

7) $(2.2a + 2.4)^2$

8) $(2.1a - 6.8)(2.1a + 6.8)$

9) $(3.1 + 1.9n)^2$

10) $(5.66p + 0.4)(5.66p - 0.4)$

11) $(1.6x - 2.896)(1.6x + 2.896)$

12) $(7.8p + 6.272)^2$

13) $(7.365 + 2.6n)^2$

14) $(5.2v + 6.7)^2$

15) $(4.9p - 3.6)(4.9p + 3.6)$

16) $(0.45x - 1.8)(0.45x + 1.8)$

17) $(5.7b + 0.58)^2$

18) $(5.2x + 8)^2$

19) $(6.5 - 7.1n)^2$

20) $(4.3a + 3.7)^2$

21) $(0.3 + r)(0.3 - r)$

22) $(1.544 + 0.9x)(1.544 - 0.9x)$

23) $(6 + 2.1x)(6 - 2.1x)$

24) $(4.1x - 3.7)^2$

25) $(0.9a + 6.8)^2$

26) $(7.3x - 3.8)^2$

27) $(k - 5)(k + 5)$

28) $(7.4a + 2.7)^2$

29) $(0.3 + 8x)^2$

30) $(2.5p - 5.5)(2.5p + 5.5)$

31) $(2.8 + 0.3v)^2$

32) $(5.9k - 4)^2$

Assignment

Date _____ Period _____

Find each product.

1) $(8x - 3.9)^2$

$64x^2 - 62.4x + 15.21$

3) $(3.1k - 6.48)(3.1k + 6.48)$

$9.61k^2 - 41.9904$

5) $(0.5x + 6.1)(0.5x - 6.1)$

$0.25x^2 - 37.21$

7) $(2.2a + 2.4)^2$

$4.84a^2 + 10.56a + 5.76$

9) $(3.1 + 1.9n)^2$

$9.61 + 11.78n + 3.61n^2$

11) $(1.6x - 2.896)(1.6x + 2.896)$

$2.56x^2 - 8.38682$

13) $(7.365 + 2.6n)^2$

$54.2432 + 38.298n + 6.76n^2$

15) $(4.9p - 3.6)(4.9p + 3.6)$

$24.01p^2 - 12.96$

17) $(5.7b + 0.58)^2$

$32.49b^2 + 6.612b + 0.3364$

19) $(6.5 - 7.1n)^2$

$42.25 - 92.3n + 50.41n^2$

21) $(0.3 + r)(0.3 - r)$

$0.09 - r^2$

23) $(6 + 2.1x)(6 - 2.1x)$

$36 - 4.41x^2$

25) $(0.9a + 6.8)^2$

$0.81a^2 + 12.24a + 46.24$

27) $(k - 5)(k + 5)$

$k^2 - 25$

29) $(0.3 + 8x)^2$

$0.09 + 4.8x + 64x^2$

31) $(2.8 + 0.3v)^2$

$7.84 + 1.68v + 0.09v^2$

2) $(3.1n - 6.368)^2$

$9.61n^2 - 39.4816n + 40.5514$

4) $(7.6x + 0.9)(7.6x - 0.9)$

$57.76x^2 - 0.81$

6) $(6.8x - 3.844)(6.8x + 3.844)$

$46.24x^2 - 14.7763$

8) $(2.1a - 6.8)(2.1a + 6.8)$

$4.41a^2 - 46.24$

10) $(5.66p + 0.4)(5.66p - 0.4)$

$32.0356p^2 - 0.16$

12) $(7.8p + 6.272)^2$

$60.84p^2 + 97.8432p + 39.338$

14) $(5.2v + 6.7)^2$

$27.04v^2 + 69.68v + 44.89$

16) $(0.45x - 1.8)(0.45x + 1.8)$

$0.2025x^2 - 3.24$

18) $(5.2x + 8)^2$

$27.04x^2 + 83.2x + 64$

20) $(4.3a + 3.7)^2$

$18.49a^2 + 31.82a + 13.69$

22) $(1.544 + 0.9x)(1.544 - 0.9x)$

$2.38394 - 0.81x^2$

24) $(4.1x - 3.7)^2$

$16.81x^2 - 30.34x + 13.69$

26) $(7.3x - 3.8)^2$

$53.29x^2 - 55.48x + 14.44$

28) $(7.4a + 2.7)^2$

$54.76a^2 + 39.96a + 7.29$

30) $(2.5p - 5.5)(2.5p + 5.5)$

$6.25p^2 - 30.25$

32) $(5.9k - 4)^2$

$34.81k^2 - 47.2k + 16$

Assignment

Date _____ Period _____

Find each product.

1) $(7.7p + 0.2)(7.7p - 0.2)$

2) $(4x + 3.6)^2$

3) $(2k + 3.95)(2k - 3.95)$

4) $(1.2v + 6.4)(1.2v - 6.4)$

5) $(6.2m - 0.2)^2$

6) $(3.6k + 0.5)(3.6k - 0.5)$

7) $(3n - 6.71)^2$

8) $(7.3 + 5.9k)^2$

9) $(1.41x - 7.3)^2$

10) $(7.6p + 2.4)^2$

11) $(2.5 + 8n)(2.5 - 8n)$

12) $(2.185x - 6.1)(2.185x + 6.1)$

13) $(6r + 5.7)(6r - 5.7)$

14) $(4.945x - 3.6)(4.945x + 3.6)$

15) $(1.97p - 7.6)^2$

16) $(6.1 + 4.1b)(6.1 - 4.1b)$

17) $(4.8r + 0.8)(4.8r - 0.8)$

18) $(6.82 - 5p)^2$

19) $(6.5n - 3.2)^2$

20) $(6.2n - 0.4)^2$

21) $(0.4x - 4.8)(0.4x + 4.8)$

22) $(2.1x + 4.2)^2$

23) $(1.6k - 1.8)(1.6k + 1.8)$

24) $(2.7b + 7.3)^2$

25) $(4.8x + 5.73)^2$

26) $(0.8x - 0.9)(0.8x + 0.9)$

27) $(7.4v - 5.9)^2$

28) $(1.5r - 5.9)(1.5r + 5.9)$

29) $(5.2x + 0.4)(5.2x - 0.4)$

30) $(7.047b - 0.3)^2$

31) $(5.3n - 2.1)^2$

32) $(4.6x + 7.967)(4.6x - 7.967)$

Assignment

Date _____ Period _____

Find each product.

1) $(7.7p + 0.2)(7.7p - 0.2)$

$59.29p^2 - 0.04$

3) $(2k + 3.95)(2k - 3.95)$

$4k^2 - 15.6025$

5) $(6.2m - 0.2)^2$

$38.44m^2 - 2.48m + 0.04$

7) $(3n - 6.71)^2$

$9n^2 - 40.26n + 45.0241$

9) $(1.41x - 7.3)^2$

$1.9881x^2 - 20.586x + 53.29$

11) $(2.5 + 8n)(2.5 - 8n)$

$6.25 - 64n^2$

13) $(6r + 5.7)(6r - 5.7)$

$36r^2 - 32.49$

15) $(1.97p - 7.6)^2$

$3.8809p^2 - 29.944p + 57.76$

17) $(4.8r + 0.8)(4.8r - 0.8)$

$23.04r^2 - 0.64$

19) $(6.5n - 3.2)^2$

$42.25n^2 - 41.6n + 10.24$

21) $(0.4x - 4.8)(0.4x + 4.8)$

$0.16x^2 - 23.04$

23) $(1.6k - 1.8)(1.6k + 1.8)$

$2.56k^2 - 3.24$

25) $(4.8x + 5.73)^2$

$23.04x^2 + 55.008x + 32.8329$

27) $(7.4v - 5.9)^2$

$54.76v^2 - 87.32v + 34.81$

29) $(5.2x + 0.4)(5.2x - 0.4)$

$27.04x^2 - 0.16$

31) $(5.3n - 2.1)^2$

$28.09n^2 - 22.26n + 4.41$

2) $(4x + 3.6)^2$

$16x^2 + 28.8x + 12.96$

4) $(1.2v + 6.4)(1.2v - 6.4)$

$1.44v^2 - 40.96$

6) $(3.6k + 0.5)(3.6k - 0.5)$

$12.96k^2 - 0.25$

8) $(7.3 + 5.9k)^2$

$53.29 + 86.14k + 34.81k^2$

10) $(7.6p + 2.4)^2$

$57.76p^2 + 36.48p + 5.76$

12) $(2.185x - 6.1)(2.185x + 6.1)$

$4.77423x^2 - 37.21$

14) $(4.945x - 3.6)(4.945x + 3.6)$

$24.453x^2 - 12.96$

16) $(6.1 + 4.1b)(6.1 - 4.1b)$

$37.21 - 16.81b^2$

18) $(6.82 - 5p)^2$

$46.5124 - 68.2p + 25p^2$

20) $(6.2n - 0.4)^2$

$38.44n^2 - 4.96n + 0.16$

22) $(2.1x + 4.2)^2$

$4.41x^2 + 17.64x + 17.64$

24) $(2.7b + 7.3)^2$

$7.29b^2 + 39.42b + 53.29$

26) $(0.8x - 0.9)(0.8x + 0.9)$

$0.64x^2 - 0.81$

28) $(1.5r - 5.9)(1.5r + 5.9)$

$2.25r^2 - 34.81$

30) $(7.047b - 0.3)^2$

$49.6602b^2 - 4.2282b + 0.09$

32) $(4.6x + 7.967)(4.6x - 7.967)$

$21.16x^2 - 63.4731$

Assignment

Date _____ Period _____

Find each product.

1) $(0.1a + 6.6)^2$

2) $(2.3v + 1.7)(2.3v - 1.7)$

3) $(7.97n - 3.7)(7.97n + 3.7)$

4) $(1.9m - 6.74)^2$

5) $(3.8b - 5.5)(3.8b + 5.5)$

6) $(1.5b + 2.2)(1.5b - 2.2)$

7) $(4.2n + 4.8)^2$

8) $(1.2x - 7.7)(1.2x + 7.7)$

9) $(6.2n + 2)(6.2n - 2)$

10) $(7.503m - 5.3)(7.503m + 5.3)$

11) $(0.3n - 2.7)^2$

12) $(6.6r + 0.43)(6.6r - 0.43)$

13) $(3.2a + 4.97)^2$

14) $(7.68m + 7.6)(7.68m - 7.6)$

15) $(4.5n - 7.8)^2$

16) $(6.3n - 6.7)^2$

17) $(6.523x - 2.93)(6.523x + 2.93)$

18) $(5 + 7.1n)^2$

19) $(5.4m + 6.06)^2$

20) $(7.5p + 4)(7.5p - 4)$

21) $(2.2 - 1.1x)^2$

22) $(3.2n + 6.21)(3.2n - 6.21)$

23) $(6.8b - 1.8)^2$

24) $(7.9v + 5.3)(7.9v - 5.3)$

25) $(1.1r + 8)^2$

26) $(6.9x - 2)^2$

27) $(6.7a + 5.5)^2$

28) $(4.3n - 3.3)(4.3n + 3.3)$

29) $(0.4x + 0.2)^2$

30) $(3.6x - 7.9)(3.6x + 7.9)$

31) $(3.7k + 3)(3.7k - 3)$

32) $(2.75k + 3.099)^2$

Assignment

Date _____ Period _____

Find each product.

1) $(0.1a + 6.6)^2$

$0.01a^2 + 1.32a + 43.56$

3) $(7.97n - 3.7)(7.97n + 3.7)$

$63.5209n^2 - 13.69$

5) $(3.8b - 5.5)(3.8b + 5.5)$

$14.44b^2 - 30.25$

7) $(4.2n + 4.8)^2$

$17.64n^2 + 40.32n + 23.04$

9) $(6.2n + 2)(6.2n - 2)$

$38.44n^2 - 4$

11) $(0.3n - 2.7)^2$

$0.09n^2 - 1.62n + 7.29$

13) $(3.2a + 4.97)^2$

$10.24a^2 + 31.808a + 24.7009$

15) $(4.5n - 7.8)^2$

$20.25n^2 - 70.2n + 60.84$

17) $(6.523x - 2.93)(6.523x + 2.93)$

$42.5495x^2 - 8.5849$

19) $(5.4m + 6.06)^2$

$29.16m^2 + 65.448m + 36.7236$

21) $(2.2 - 1.1x)^2$

$4.84 - 4.84x + 1.21x^2$

23) $(6.8b - 1.8)^2$

$46.24b^2 - 24.48b + 3.24$

25) $(1.1r + 8)^2$

$1.21r^2 + 17.6r + 64$

27) $(6.7a + 5.5)^2$

$44.89a^2 + 73.7a + 30.25$

29) $(0.4x + 0.2)^2$

$0.16x^2 + 0.16x + 0.04$

31) $(3.7k + 3)(3.7k - 3)$

$13.69k^2 - 9$

2) $(2.3v + 1.7)(2.3v - 1.7)$

$5.29v^2 - 2.89$

4) $(1.9m - 6.74)^2$

$3.61m^2 - 25.612m + 45.4276$

6) $(1.5b + 2.2)(1.5b - 2.2)$

$2.25b^2 - 4.84$

8) $(1.2x - 7.7)(1.2x + 7.7)$

$1.44x^2 - 59.29$

10) $(7.503m - 5.3)(7.503m + 5.3)$

$56.295m^2 - 28.09$

12) $(6.6r + 0.43)(6.6r - 0.43)$

$43.56r^2 - 0.1849$

14) $(7.68m + 7.6)(7.68m - 7.6)$

$58.9824m^2 - 57.76$

16) $(6.3n - 6.7)^2$

$39.69n^2 - 84.42n + 44.89$

18) $(5 + 7.1n)^2$

$25 + 71n + 50.41n^2$

20) $(7.5p + 4)(7.5p - 4)$

$56.25p^2 - 16$

22) $(3.2n + 6.21)(3.2n - 6.21)$

$10.24n^2 - 38.5641$

24) $(7.9v + 5.3)(7.9v - 5.3)$

$62.41v^2 - 28.09$

26) $(6.9x - 2)^2$

$47.61x^2 - 27.6x + 4$

28) $(4.3n - 3.3)(4.3n + 3.3)$

$18.49n^2 - 10.89$

30) $(3.6x - 7.9)(3.6x + 7.9)$

$12.96x^2 - 62.41$

32) $(2.75k + 3.099)^2$

$7.5625k^2 + 17.0445k + 9.6038$

Assignment

Date _____ Period _____

Find each product.

1) $(0.8x + 6.4)^2$

2) $(6.8x - 2)(6.8x + 2)$

3) $(6n - 6.8)(6n + 6.8)$

4) $(5.1x - 5.3)(5.1x + 5.3)$

5) $(2.1n + 2.6)^2$

6) $(7.13n - 1.2)(7.13n + 1.2)$

7) $(6p - 5.3)^2$

8) $(2.5x - 5.4)^2$

9) $(4.18 + 7.5x)(4.18 - 7.5x)$

10) $(7.2x - 4.4)^2$

11) $(3.9x + 5.86)^2$

12) $(5.9 + 5.5v)(5.9 - 5.5v)$

13) $(6.4x + 5.5)(6.4x - 5.5)$

14) $(0.4n + 3.3)^2$

15) $(5.7x + 5.5)^2$

16) $(3.3r + 1.8)^2$

17) $(2.9x + 4.7)(2.9x - 4.7)$

18) $(4.1 + 4.327n)(4.1 - 4.327n)$

19) $(6x + 7.7)^2$

20) $(1.4x + 0.9)(1.4x - 0.9)$

21) $(5.9x - 5.2)^2$

22) $(3.4n - 2.8)(3.4n + 2.8)$

23) $(5.6n - 6.013)^2$

24) $(1.5n + 1.769)(1.5n - 1.769)$

25) $(4.8x + 5.6)(4.8x - 5.6)$

26) $(1.17b - 0.2)^2$

27) $(1.5p - 1.6)^2$

28) $(0.8r + 4.79)^2$

29) $(1.8r + 1.7)(1.8r - 1.7)$

30) $(3.3b + 2.3)(3.3b - 2.3)$

31) $(1.7 + 7k)(1.7 - 7k)$

32) $(5.3p - 5.073)(5.3p + 5.073)$

Assignment

Date _____ Period _____

Find each product.

$$1) (0.8x + 6.4)^2$$

$$0.64x^2 + 10.24x + 40.96$$

$$3) (6n - 6.8)(6n + 6.8)$$

$$36n^2 - 46.24$$

$$5) (2.1n + 2.6)^2$$

$$4.41n^2 + 10.92n + 6.76$$

$$7) (6p - 5.3)^2$$

$$36p^2 - 63.6p + 28.09$$

$$9) (4.18 + 7.5x)(4.18 - 7.5x)$$

$$17.4724 - 56.25x^2$$

$$11) (3.9x + 5.86)^2$$

$$15.21x^2 + 45.708x + 34.3396$$

$$13) (6.4x + 5.5)(6.4x - 5.5)$$

$$40.96x^2 - 30.25$$

$$15) (5.7x + 5.5)^2$$

$$32.49x^2 + 62.7x + 30.25$$

$$17) (2.9x + 4.7)(2.9x - 4.7)$$

$$8.41x^2 - 22.09$$

$$19) (6x + 7.7)^2$$

$$36x^2 + 92.4x + 59.29$$

$$21) (5.9x - 5.2)^2$$

$$34.81x^2 - 61.36x + 27.04$$

$$23) (5.6n - 6.013)^2$$

$$31.36n^2 - 67.3456n + 36.1562$$

$$25) (4.8x + 5.6)(4.8x - 5.6)$$

$$23.04x^2 - 31.36$$

$$27) (1.5p - 1.6)^2$$

$$2.25p^2 - 4.8p + 2.56$$

$$29) (1.8r + 1.7)(1.8r - 1.7)$$

$$3.24r^2 - 2.89$$

$$31) (1.7 + 7k)(1.7 - 7k)$$

$$2.89 - 49k^2$$

$$2) (6.8x - 2)(6.8x + 2)$$

$$46.24x^2 - 4$$

$$4) (5.1x - 5.3)(5.1x + 5.3)$$

$$26.01x^2 - 28.09$$

$$6) (7.13n - 1.2)(7.13n + 1.2)$$

$$50.8369n^2 - 1.44$$

$$8) (2.5x - 5.4)^2$$

$$6.25x^2 - 27x + 29.16$$

$$10) (7.2x - 4.4)^2$$

$$51.84x^2 - 63.36x + 19.36$$

$$12) (5.9 + 5.5v)(5.9 - 5.5v)$$

$$34.81 - 30.25v^2$$

$$14) (0.4n + 3.3)^2$$

$$0.16n^2 + 2.64n + 10.89$$

$$16) (3.3r + 1.8)^2$$

$$10.89r^2 + 11.88r + 3.24$$

$$18) (4.1 + 4.327n)(4.1 - 4.327n)$$

$$16.81 - 18.7229n^2$$

$$20) (1.4x + 0.9)(1.4x - 0.9)$$

$$1.96x^2 - 0.81$$

$$22) (3.4n - 2.8)(3.4n + 2.8)$$

$$11.56n^2 - 7.84$$

$$24) (1.5n + 1.769)(1.5n - 1.769)$$

$$2.25n^2 - 3.12936$$

$$26) (1.17b - 0.2)^2$$

$$1.3689b^2 - 0.468b + 0.04$$

$$28) (0.8r + 4.79)^2$$

$$0.64r^2 + 7.664r + 22.9441$$

$$30) (3.3b + 2.3)(3.3b - 2.3)$$

$$10.89b^2 - 5.29$$

$$32) (5.3p - 5.073)(5.3p + 5.073)$$

$$28.09p^2 - 25.7353$$

Assignment

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Find each product.

1) $(6.5n - 4.4)(6.5n + 4.4)$

2) $(4.7k + 0.8)^2$

3) $(2r - 2)^2$

4) $(3 + 2.2x)(3 - 2.2x)$

5) $(3.6x + 7.6)^2$

6) $(6.2x + 7.7)(6.2x - 7.7)$

7) $(2.2n - 4.5)(2.2n + 4.5)$

8) $(5.8n + 7.1)^2$

9) $(4m + 7.1)(4m - 7.1)$

10) $(6 - 1.8b)(6 + 1.8b)$

11) $(7.6a + 2.235)(7.6a - 2.235)$

12) $(2.1v - 1.5)(2.1v + 1.5)$

13) $(7r - 0.8)^2$

14) $(5.6v - 4.1)(5.6v + 4.1)$

15) $(2.8p + 5.7)^2$

16) $(3.7a - 1.7)(3.7a + 1.7)$

17) $(1.2r - 7)^2$

18) $(6r - 3)^2$

19) $(2.6k + 4.9)(2.6k - 4.9)$

20) $(5.7k + 0.6)(5.7k - 0.6)$

21) $(0.3a + 6.2)(0.3a - 6.2)$

22) $(5.2n - 7.9)^2$

23) $(5.2 + 2.62b)(5.2 - 2.62b)$

24) $(3.8m - 0.47)(3.8m + 0.47)$

25) $(2.647x - 7.4)^2$

26) $(2.5r + 2.1)(2.5r - 2.1)$

27) $(1.4a - 6.32)^2$

28) $(1.5n - 5.3)^2$

29) $(0.44v + 5.1)(0.44v - 5.1)$

30) $(3.8x + 6.6)(3.8x - 6.6)$

31) $(4.9b - 1.9)^2$

32) $(6 + 5.5x)^2$

Assignment

Date _____ Period _____

Find each product.

1) $(6.5n - 4.4)(6.5n + 4.4)$

$42.25n^2 - 19.36$

2) $(4.7k + 0.8)^2$

$22.09k^2 + 7.52k + 0.64$

3) $(2r - 2)^2$

$4r^2 - 8r + 4$

4) $(3 + 2.2x)(3 - 2.2x)$

$9 - 4.84x^2$

5) $(3.6x + 7.6)^2$

$12.96x^2 + 54.72x + 57.76$

6) $(6.2x + 7.7)(6.2x - 7.7)$

$38.44x^2 - 59.29$

7) $(2.2n - 4.5)(2.2n + 4.5)$

$4.84n^2 - 20.25$

8) $(5.8n + 7.1)^2$

$33.64n^2 + 82.36n + 50.41$

9) $(4m + 7.1)(4m - 7.1)$

$16m^2 - 50.41$

10) $(6 - 1.8b)(6 + 1.8b)$

$36 - 3.24b^2$

11) $(7.6a + 2.235)(7.6a - 2.235)$

$57.76a^2 - 4.99522$

12) $(2.1v - 1.5)(2.1v + 1.5)$

$4.41v^2 - 2.25$

13) $(7r - 0.8)^2$

$49r^2 - 11.2r + 0.64$

14) $(5.6v - 4.1)(5.6v + 4.1)$

$31.36v^2 - 16.81$

15) $(2.8p + 5.7)^2$

$7.84p^2 + 31.92p + 32.49$

16) $(3.7a - 1.7)(3.7a + 1.7)$

$13.69a^2 - 2.89$

17) $(1.2r - 7)^2$

$1.44r^2 - 16.8r + 49$

18) $(6r - 3)^2$

$36r^2 - 36r + 9$

19) $(2.6k + 4.9)(2.6k - 4.9)$

$6.76k^2 - 24.01$

20) $(5.7k + 0.6)(5.7k - 0.6)$

$32.49k^2 - 0.36$

21) $(0.3a + 6.2)(0.3a - 6.2)$

$0.09a^2 - 38.44$

22) $(5.2n - 7.9)^2$

$27.04n^2 - 82.16n + 62.41$

23) $(5.2 + 2.62b)(5.2 - 2.62b)$

$27.04 - 6.8644b^2$

24) $(3.8m - 0.47)(3.8m + 0.47)$

$14.44m^2 - 0.2209$

25) $(2.647x - 7.4)^2$

$7.00661x^2 - 39.1756x + 54.76$

26) $(2.5r + 2.1)(2.5r - 2.1)$

$6.25r^2 - 4.41$

27) $(1.4a - 6.32)^2$

$1.96a^2 - 17.696a + 39.9424$

28) $(1.5n - 5.3)^2$

$2.25n^2 - 15.9n + 28.09$

29) $(0.44v + 5.1)(0.44v - 5.1)$

$0.1936v^2 - 26.01$

30) $(3.8x + 6.6)(3.8x - 6.6)$

$14.44x^2 - 43.56$

31) $(4.9b - 1.9)^2$

$24.01b^2 - 18.62b + 3.61$

32) $(6 + 5.5x)^2$

$36 + 66x + 30.25x^2$

Assignment

Date _____ Period _____

Find each product.

1) $(5.6p + 8)^2$

2) $(2.5m - 7.8)^2$

3) $(2.22x - 0.1)^2$

4) $(5.9x - 4.8)(5.9x + 4.8)$

5) $(6r + 2.6)^2$

6) $(7.3n - 5.9)^2$

7) $(2.8n + 3.99)(2.8n - 3.99)$

8) $(7.8b + 6.151)(7.8b - 6.151)$

9) $(0.5 + 3.5n)(0.5 - 3.5n)$

10) $(0.3r - 4.74)^2$

11) $(1.24n - 0.5)^2$

12) $(6.62 + 7.2x)^2$

13) $(3 - 8k)(3 + 8k)$

14) $(4.1v - 4)^2$

15) $(7.9m + 0.7)(7.9m - 0.7)$

16) $(5.8r + 5.3)^2$

17) $(3.542n - 5.2)(3.542n + 5.2)$

18) $(0.1x - 2.4)^2$

19) $(3.09b - 6)(3.09b + 6)$

20) $(1.25a - 7.7)^2$

21) $(1.2n - 3.9)(1.2n + 3.9)$

22) $(5.7k - 2.6)(5.7k + 2.6)$

23) $(1.2m + 6.9)(1.2m - 6.9)$

24) $(1 + 4.6a)(1 - 4.6a)$

25) $(1.4 + 6.6k)^2$

26) $(5.3x - 7.18)(5.3x + 7.18)$

27) $(1.8v + 1.92)^2$

28) $(3.4x - 5.3)(3.4x + 5.3)$

29) $(2b + 4.2)(2b - 4.2)$

30) $(4.8 - 0.3v)(4.8 + 0.3v)$

31) $(6.5a - 2.8)^2$

32) $(5.8 + 5.2n)^2$

Assignment

Date _____ Period _____

Find each product.

1) $(5.6p + 8)^2$

$31.36p^2 + 89.6p + 64$

2) $(2.5m - 7.8)^2$

$6.25m^2 - 39m + 60.84$

3) $(2.22x - 0.1)^2$

$4.9284x^2 - 0.444x + 0.01$

4) $(5.9x - 4.8)(5.9x + 4.8)$

$34.81x^2 - 23.04$

5) $(6r + 2.6)^2$

$36r^2 + 31.2r + 6.76$

6) $(7.3n - 5.9)^2$

$53.29n^2 - 86.14n + 34.81$

7) $(2.8n + 3.99)(2.8n - 3.99)$

$7.84n^2 - 15.9201$

8) $(7.8b + 6.151)(7.8b - 6.151)$

$60.84b^2 - 37.8348$

9) $(0.5 + 3.5n)(0.5 - 3.5n)$

$0.25 - 12.25n^2$

10) $(0.3r - 4.74)^2$

$0.09r^2 - 2.844r + 22.4676$

11) $(1.24n - 0.5)^2$

$1.5376n^2 - 1.24n + 0.25$

12) $(6.62 + 7.2x)^2$

$43.8244 + 95.328x + 51.84x^2$

13) $(3 - 8k)(3 + 8k)$

$9 - 64k^2$

14) $(4.1v - 4)^2$

$16.81v^2 - 32.8v + 16$

15) $(7.9m + 0.7)(7.9m - 0.7)$

$62.41m^2 - 0.49$

16) $(5.8r + 5.3)^2$

$33.64r^2 + 61.48r + 28.09$

17) $(3.542n - 5.2)(3.542n + 5.2)$

$12.5458n^2 - 27.04$

18) $(0.1x - 2.4)^2$

$0.01x^2 - 0.48x + 5.76$

19) $(3.09b - 6)(3.09b + 6)$

$9.5481b^2 - 36$

20) $(1.25a - 7.7)^2$

$1.5625a^2 - 19.25a + 59.29$

21) $(1.2n - 3.9)(1.2n + 3.9)$

$1.44n^2 - 15.21$

22) $(5.7k - 2.6)(5.7k + 2.6)$

$32.49k^2 - 6.76$

23) $(1.2m + 6.9)(1.2m - 6.9)$

$1.44m^2 - 47.61$

24) $(1 + 4.6a)(1 - 4.6a)$

$1 - 21.16a^2$

25) $(1.4 + 6.6k)^2$

$1.96 + 18.48k + 43.56k^2$

26) $(5.3x - 7.18)(5.3x + 7.18)$

$28.09x^2 - 51.5524$

27) $(1.8v + 1.92)^2$

$3.24v^2 + 6.912v + 3.6864$

28) $(3.4x - 5.3)(3.4x + 5.3)$

$11.56x^2 - 28.09$

29) $(2b + 4.2)(2b - 4.2)$

$4b^2 - 17.64$

30) $(4.8 - 0.3v)(4.8 + 0.3v)$

$23.04 - 0.09v^2$

31) $(6.5a - 2.8)^2$

$42.25a^2 - 36.4a + 7.84$

32) $(5.8 + 5.2n)^2$

$33.64 + 60.32n + 27.04n^2$

Assignment

Date _____ Period _____

Find each product.

1) $(1.75a + 3.5)(1.75a - 3.5)$

2) $(1 + 3.4k)^2$

3) $(7.8x + 6)^2$

4) $(3.6p + 4.23)(3.6p - 4.23)$

5) $(6.2x + 5.9)(6.2x - 5.9)$

6) $(1.8x - 5.9)^2$

7) $(7.8 + 2.8b)^2$

8) $(v + 0.1)(v - 0.1)$

9) $(4.9x + 6.4)^2$

10) $(2.4x + 0.9)^2$

11) $(0.8r + 6.7)^2$

12) $(5.4n + 4.073)^2$

13) $(5.8v - 1.64)^2$

14) $(1 + 6.1n)(1 - 6.1n)$

15) $(6.9b - 5.7)^2$

16) $(1.9 + 4.9v)^2$

17) $(2.6n - 3.7)(2.6n + 3.7)$

18) $(6.3x + 7.1)(6.3x - 7.1)$

19) $(2.5n + 0.8)^2$

20) $(0.9x - 5)^2$

21) $(5.8v + 5.2)^2$

22) $(1.1p + 5)^2$

23) $(6.08m - 5.6)^2$

24) $(6.5x + 5.3)^2$

25) $(0.9 + 2.8n)(0.9 - 2.8n)$

26) $(1.7m - 1.4)(1.7m + 1.4)$

27) $(7.6a - 2.2)(7.6a + 2.2)$

28) $(6.5x + 1.4)^2$

29) $(3.1 + 3.6m)^2$

30) $(3.5x + 4.1)(3.5x - 4.1)$

31) $(2.5r - 7.906)(2.5r + 7.906)$

32) $(4.37 + 7.1x)^2$

Assignment

Date _____ Period _____

Find each product.

$$1) (1.75a + 3.5)(1.75a - 3.5)$$

$$3.0625a^2 - 12.25$$

$$2) (1 + 3.4k)^2$$

$$1 + 6.8k + 11.56k^2$$

$$3) (7.8x + 6)^2$$

$$60.84x^2 + 93.6x + 36$$

$$4) (3.6p + 4.23)(3.6p - 4.23)$$

$$12.96p^2 - 17.8929$$

$$5) (6.2x + 5.9)(6.2x - 5.9)$$

$$38.44x^2 - 34.81$$

$$6) (1.8x - 5.9)^2$$

$$3.24x^2 - 21.24x + 34.81$$

$$7) (7.8 + 2.8b)^2$$

$$60.84 + 43.68b + 7.84b^2$$

$$8) (v + 0.1)(v - 0.1)$$

$$v^2 - 0.01$$

$$9) (4.9x + 6.4)^2$$

$$24.01x^2 + 62.72x + 40.96$$

$$10) (2.4x + 0.9)^2$$

$$5.76x^2 + 4.32x + 0.81$$

$$11) (0.8r + 6.7)^2$$

$$0.64r^2 + 10.72r + 44.89$$

$$12) (5.4n + 4.073)^2$$

$$29.16n^2 + 43.9884n + 16.5893$$

$$13) (5.8v - 1.64)^2$$

$$33.64v^2 - 19.024v + 2.6896$$

$$14) (1 + 6.1n)(1 - 6.1n)$$

$$1 - 37.21n^2$$

$$15) (6.9b - 5.7)^2$$

$$47.61b^2 - 78.66b + 32.49$$

$$16) (1.9 + 4.9v)^2$$

$$3.61 + 18.62v + 24.01v^2$$

$$17) (2.6n - 3.7)(2.6n + 3.7)$$

$$6.76n^2 - 13.69$$

$$18) (6.3x + 7.1)(6.3x - 7.1)$$

$$39.69x^2 - 50.41$$

$$19) (2.5n + 0.8)^2$$

$$6.25n^2 + 4n + 0.64$$

$$20) (0.9x - 5)^2$$

$$0.81x^2 - 9x + 25$$

$$21) (5.8v + 5.2)^2$$

$$33.64v^2 + 60.32v + 27.04$$

$$22) (1.1p + 5)^2$$

$$1.21p^2 + 11p + 25$$

$$23) (6.08m - 5.6)^2$$

$$36.9664m^2 - 68.096m + 31.36$$

$$24) (6.5x + 5.3)^2$$

$$42.25x^2 + 68.9x + 28.09$$

$$25) (0.9 + 2.8n)(0.9 - 2.8n)$$

$$0.81 - 7.84n^2$$

$$26) (1.7m - 1.4)(1.7m + 1.4)$$

$$2.89m^2 - 1.96$$

$$27) (7.6a - 2.2)(7.6a + 2.2)$$

$$57.76a^2 - 4.84$$

$$28) (6.5x + 1.4)^2$$

$$42.25x^2 + 18.2x + 1.96$$

$$29) (3.1 + 3.6m)^2$$

$$9.61 + 22.32m + 12.96m^2$$

$$30) (3.5x + 4.1)(3.5x - 4.1)$$

$$12.25x^2 - 16.81$$

$$31) (2.5r - 7.906)(2.5r + 7.906)$$

$$6.25r^2 - 62.5048$$

$$32) (4.37 + 7.1x)^2$$

$$19.0969 + 62.054x + 50.41x^2$$

Assignment

Date _____ Period _____

Find each product.

1) $(4.1x - 6.8)(4.1x + 6.8)$

2) $(3.7 + 2.9a)(3.7 - 2.9a)$

3) $(0.96 + 0.19v)(0.96 - 0.19v)$

4) $(7.4v + 1.2)^2$

5) $(7.8r - 7.9)^2$

6) $(5.6n + 1.23)(5.6n - 1.23)$

7) $(1.715v - 7.9)^2$

8) $(5.91 + 7.4b)^2$

9) $(2.3m + 0.8)^2$

10) $(1.5x + 2.2)^2$

11) $(1.227v - 0.1)(1.227v + 0.1)$

12) $(3.36n - 7)(3.36n + 7)$

13) $(5.2v + 1.95)^2$

14) $(1.2n - 0.9)^2$

15) $(3.4n - 2.3)(3.4n + 2.3)$

16) $(1.5x - 4.7)^2$

17) $(6.6x + 7.7)(6.6x - 7.7)$

18) $(6.1n - 6.1)(6.1n + 6.1)$

19) $(2.9n + 3.1)^2$

20) $(5n - 7.6)^2$

21) $(1.6 + 3.599a)(1.6 - 3.599a)$

22) $(0.7r - 0.46)^2$

23) $(6.72x - 4.6)(6.72x + 4.6)$

24) $(4.4 + 7.2x)^2$

25) $(4.8a - 8)(4.8a + 8)$

26) $(5.2a - 6.4)(5.2a + 6.4)$

27) $(7.2n + 2.7)^2$

28) $(3.9 - 7.2x)^2$

29) $(0.6x + 5)^2$

30) $(5.6k + 3.7)^2$

31) $(4.25m - 5.6)^2$

32) $(1.2 + 3.5m)(1.2 - 3.5m)$

Assignment

Date _____ Period _____

Find each product.

1) $(4.1x - 6.8)(4.1x + 6.8)$

$16.81x^2 - 46.24$

3) $(0.96 + 0.19v)(0.96 - 0.19v)$

$0.9216 - 0.0361v^2$

5) $(7.8r - 7.9)^2$

$60.84r^2 - 123.24r + 62.41$

7) $(1.715v - 7.9)^2$

$2.94123v^2 - 27.097v + 62.41$

9) $(2.3m + 0.8)^2$

$5.29m^2 + 3.68m + 0.64$

11) $(1.227v - 0.1)(1.227v + 0.1)$

$1.50553v^2 - 0.01$

13) $(5.2v + 1.95)^2$

$27.04v^2 + 20.28v + 3.8025$

15) $(3.4n - 2.3)(3.4n + 2.3)$

$11.56n^2 - 5.29$

17) $(6.6x + 7.7)(6.6x - 7.7)$

$43.56x^2 - 59.29$

19) $(2.9n + 3.1)^2$

$8.41n^2 + 17.98n + 9.61$

21) $(1.6 + 3.599a)(1.6 - 3.599a)$

$2.56 - 12.9528a^2$

23) $(6.72x - 4.6)(6.72x + 4.6)$

$45.1584x^2 - 21.16$

25) $(4.8a - 8)(4.8a + 8)$

$23.04a^2 - 64$

27) $(7.2n + 2.7)^2$

$51.84n^2 + 38.88n + 7.29$

29) $(0.6x + 5)^2$

$0.36x^2 + 6x + 25$

31) $(4.25m - 5.6)^2$

$18.0625m^2 - 47.6m + 31.36$

2) $(3.7 + 2.9a)(3.7 - 2.9a)$

$13.69 - 8.41a^2$

4) $(7.4v + 1.2)^2$

$54.76v^2 + 17.76v + 1.44$

6) $(5.6n + 1.23)(5.6n - 1.23)$

$31.36n^2 - 1.5129$

8) $(5.91 + 7.4b)^2$

$34.9281 + 87.468b + 54.76b^2$

10) $(1.5x + 2.2)^2$

$2.25x^2 + 6.6x + 4.84$

12) $(3.36n - 7)(3.36n + 7)$

$11.2896n^2 - 49$

14) $(1.2n - 0.9)^2$

$1.44n^2 - 2.16n + 0.81$

16) $(1.5x - 4.7)^2$

$2.25x^2 - 14.1x + 22.09$

18) $(6.1n - 6.1)(6.1n + 6.1)$

$37.21n^2 - 37.21$

20) $(5n - 7.6)^2$

$25n^2 - 76n + 57.76$

22) $(0.7r - 0.46)^2$

$0.49r^2 - 0.644r + 0.2116$

24) $(4.4 + 7.2x)^2$

$19.36 + 63.36x + 51.84x^2$

26) $(5.2a - 6.4)(5.2a + 6.4)$

$27.04a^2 - 40.96$

28) $(3.9 - 7.2x)^2$

$15.21 - 56.16x + 51.84x^2$

30) $(5.6k + 3.7)^2$

$31.36k^2 + 41.44k + 13.69$

32) $(1.2 + 3.5m)(1.2 - 3.5m)$

$1.44 - 12.25m^2$

Assignment

Date _____ Period _____

Find each product.

1) $(3.1p - 6.4)^2$

2) $(6 + 4.5x)(6 - 4.5x)$

3) $(0.1n - 5.5)(0.1n + 5.5)$

4) $(7.9 + 6.1x)^2$

5) $(5.3x - 2.3)^2$

6) $(4x - 2.5)(4x + 2.5)$

7) $(4.4x + 2.4)^2$

8) $(7.1b + 2.95)^2$

9) $(0.8p - 1.3)(0.8p + 1.3)$

10) $(6.4k - 3.7)^2$

11) $(4.9n - 6.9)(4.9n + 6.9)$

12) $(1.3 + 4.3n)(1.3 - 4.3n)$

13) $(3 + 2.5x)(3 - 2.5x)$

14) $(6.3n - 2.62)^2$

15) $(6.9 + 4.9b)^2$

16) $(b - 2.5)(b + 2.5)$

17) $(7.5n - 4)(7.5n + 4)$

18) $(0.9 + 1.8r)(0.9 - 1.8r)$

19) $(4.1 + 2.9k)^2$

20) $(4r + 4.5)(4r - 4.5)$

21) $(5.8x - 0.42)(5.8x + 0.42)$

22) $(5.2r - 1.3)^2$

23) $(4.1b - 1.2)^2$

24) $(5n - 5.5)^2$

25) $(3.6x + 6.779)(3.6x - 6.779)$

26) $(6.2v + 7.3)(6.2v - 7.3)$

27) $(5.9x - 2.7)(5.9x + 2.7)$

28) $(5.8a + 4.7)(5.8a - 4.7)$

29) $(1.1 + 6.2n)(1.1 - 6.2n)$

30) $(4.3v - 6)(4.3v + 6)$

31) $(2.5n + 5)^2$

32) $(5.7k - 3.7)(5.7k + 3.7)$

Assignment

Date _____ Period _____

Find each product.

1) $(3.1p - 6.4)^2$
 $9.61p^2 - 39.68p + 40.96$

2) $(6 + 4.5x)(6 - 4.5x)$
 $36 - 20.25x^2$

3) $(0.1n - 5.5)(0.1n + 5.5)$
 $0.01n^2 - 30.25$

4) $(7.9 + 6.1x)^2$
 $62.41 + 96.38x + 37.21x^2$

5) $(5.3x - 2.3)^2$
 $28.09x^2 - 24.38x + 5.29$

6) $(4x - 2.5)(4x + 2.5)$
 $16x^2 - 6.25$

7) $(4.4x + 2.4)^2$
 $19.36x^2 + 21.12x + 5.76$

8) $(7.1b + 2.95)^2$
 $50.41b^2 + 41.89b + 8.7025$

9) $(0.8p - 1.3)(0.8p + 1.3)$
 $0.64p^2 - 1.69$

10) $(6.4k - 3.7)^2$
 $40.96k^2 - 47.36k + 13.69$

11) $(4.9n - 6.9)(4.9n + 6.9)$
 $24.01n^2 - 47.61$

12) $(1.3 + 4.3n)(1.3 - 4.3n)$
 $1.69 - 18.49n^2$

13) $(3 + 2.5x)(3 - 2.5x)$
 $9 - 6.25x^2$

14) $(6.3n - 2.62)^2$
 $39.69n^2 - 33.012n + 6.8644$

15) $(6.9 + 4.9b)^2$
 $47.61 + 67.62b + 24.01b^2$

16) $(b - 2.5)(b + 2.5)$
 $b^2 - 6.25$

17) $(7.5n - 4)(7.5n + 4)$
 $56.25n^2 - 16$

18) $(0.9 + 1.8r)(0.9 - 1.8r)$
 $0.81 - 3.24r^2$

19) $(4.1 + 2.9k)^2$
 $16.81 + 23.78k + 8.41k^2$

20) $(4r + 4.5)(4r - 4.5)$
 $16r^2 - 20.25$

21) $(5.8x - 0.42)(5.8x + 0.42)$
 $33.64x^2 - 0.1764$

22) $(5.2r - 1.3)^2$
 $27.04r^2 - 13.52r + 1.69$

23) $(4.1b - 1.2)^2$
 $16.81b^2 - 9.84b + 1.44$

24) $(5n - 5.5)^2$
 $25n^2 - 55n + 30.25$

25) $(3.6x + 6.779)(3.6x - 6.779)$
 $12.96x^2 - 45.9548$

26) $(6.2v + 7.3)(6.2v - 7.3)$
 $38.44v^2 - 53.29$

27) $(5.9x - 2.7)(5.9x + 2.7)$
 $34.81x^2 - 7.29$

28) $(5.8a + 4.7)(5.8a - 4.7)$
 $33.64a^2 - 22.09$

29) $(1.1 + 6.2n)(1.1 - 6.2n)$
 $1.21 - 38.44n^2$

30) $(4.3v - 6)(4.3v + 6)$
 $18.49v^2 - 36$

31) $(2.5n + 5)^2$
 $6.25n^2 + 25n + 25$

32) $(5.7k - 3.7)(5.7k + 3.7)$
 $32.49k^2 - 13.69$

Assignment

Find each product.

1) $(3.6p + 5.9)^2$

2) $(6.9n - 2.7)(6.9n + 2.7)$

3) $(2.6x - 6.19)^2$

4) $(0.6 + 6.8n)^2$

5) $(1.3k - 2.5)^2$

6) $(3.9x - 6.2)^2$

7) $(2.08 + 4.4x)^2$

8) $(0.517k + 7.4)^2$

9) $(6.9r - 3.1)(6.9r + 3.1)$

10) $(0.5k - 0.7)^2$

11) $(7.2k - 7.5)^2$

12) $(5 + 5.5k)^2$

13) $(1.4n - 3.3)(1.4n + 3.3)$

14) $(4.7n - 6.1)^2$

15) $(3.4m - 7.7)(3.4m + 7.7)$

16) $(6.2k - 0.481)^2$

17) $(2.3a + 3.9)(2.3a - 3.9)$

18) $(6.4p + 0.8)^2$

19) $(5.33a - 2)^2$

20) $(5.8x - 3.9)(5.8x + 3.9)$

21) $(1.8 - 2.1x)(1.8 + 2.1x)$

22) $(4.6k - 5.6)(4.6k + 5.6)$

23) $(2.3n - 0.3)^2$

24) $(6.7x + 0.63)(6.7x - 0.63)$

25) $(1.9 - 6.9n)(1.9 + 6.9n)$

26) $(6 + 6.973p)^2$

27) $(0.1n + 7.6)^2$

28) $(6.7n - 4.2)^2$

29) $(4.5 + 2.2n)^2$

30) $(5.5m + 7.7)(5.5m - 7.7)$

31) $(6.56r + 6)^2$

32) $(6b + 3.1)^2$

Assignment

Find each product.

1) $(3.6p + 5.9)^2$

$12.96p^2 + 42.48p + 34.81$

2) $(6.9n - 2.7)(6.9n + 2.7)$

$47.61n^2 - 7.29$

3) $(2.6x - 6.19)^2$

$6.76x^2 - 32.188x + 38.3161$

4) $(0.6 + 6.8n)^2$

$0.36 + 8.16n + 46.24n^2$

5) $(1.3k - 2.5)^2$

$1.69k^2 - 6.5k + 6.25$

6) $(3.9x - 6.2)^2$

$15.21x^2 - 48.36x + 38.44$

7) $(2.08 + 4.4x)^2$

$4.3264 + 18.304x + 19.36x^2$

8) $(0.517k + 7.4)^2$

$0.267289k^2 + 7.6516k + 54.76$

9) $(6.9r - 3.1)(6.9r + 3.1)$

$47.61r^2 - 9.61$

10) $(0.5k - 0.7)^2$

$0.25k^2 - 0.7k + 0.49$

11) $(7.2k - 7.5)^2$

$51.84k^2 - 108k + 56.25$

12) $(5 + 5.5k)^2$

$25 + 55k + 30.25k^2$

13) $(1.4n - 3.3)(1.4n + 3.3)$

$1.96n^2 - 10.89$

14) $(4.7n - 6.1)^2$

$22.09n^2 - 57.34n + 37.21$

15) $(3.4m - 7.7)(3.4m + 7.7)$

$11.56m^2 - 59.29$

16) $(6.2k - 0.481)^2$

$38.44k^2 - 5.9644k + 0.231361$

17) $(2.3a + 3.9)(2.3a - 3.9)$

$5.29a^2 - 15.21$

18) $(6.4p + 0.8)^2$

$40.96p^2 + 10.24p + 0.64$

19) $(5.33a - 2)^2$

$28.4089a^2 - 21.32a + 4$

20) $(5.8x - 3.9)(5.8x + 3.9)$

$33.64x^2 - 15.21$

21) $(1.8 - 2.1x)(1.8 + 2.1x)$

$3.24 - 4.41x^2$

22) $(4.6k - 5.6)(4.6k + 5.6)$

$21.16k^2 - 31.36$

23) $(2.3n - 0.3)^2$

$5.29n^2 - 1.38n + 0.09$

24) $(6.7x + 0.63)(6.7x - 0.63)$

$44.89x^2 - 0.3969$

25) $(1.9 - 6.9n)(1.9 + 6.9n)$

$3.61 - 47.61n^2$

26) $(6 + 6.973p)^2$

$36 + 83.676p + 48.6227p^2$

27) $(0.1n + 7.6)^2$

$0.01n^2 + 1.52n + 57.76$

28) $(6.7n - 4.2)^2$

$44.89n^2 - 56.28n + 17.64$

29) $(4.5 + 2.2n)^2$

$20.25 + 19.8n + 4.84n^2$

30) $(5.5m + 7.7)(5.5m - 7.7)$

$30.25m^2 - 59.29$

31) $(6.56r + 6)^2$

$43.0336r^2 + 78.72r + 36$

32) $(6b + 3.1)^2$

$36b^2 + 37.2b + 9.61$