Algebra 1

Name_____

Assignment

Date_____ Period_____

Find each product.

1) $(1.1n + 7.1)(3.5n + 6.1)$

2) $(5.3m + 3.66)(7.7m + 2)$

3) $(0.1b + 7.1)(4.1b - 5.4)$

4) $(7.9x - 2)(3.7x + 2.1)$

5) $(0.4m - 6.24)(6.4m - 3.8)$

6) $(5.1k + 5.3)(4.5k + 3.76)$

7) $(1.4v + 4)(0.6v - 2.8)$

8) $(6.3p + 2.5)(0.3p - 3.74)$

9) $(3.5v - 0.2)(6.167v + 2.324)$

10) $(1.3v + 5.262)(3.1v - 3.6)$

11) $(5.2n + 5.9)(3.3n + 3.945)$

12) $(4.3k - 5.4)(2.24k - 1.9)$

13) $(4.3n - 7.4)(5.9n - 4.7)$

14) $(0.94x + 0.5)(6.42x - 1.3)$

15) $(7.8x + 5.6)(1.1x - 0.1)$

16) $(4.4x + 0.8)(3.5x - 5.3)$

17) $(4.8x + 1.5)(2.6x + 3.2)$

18) $(2.2n + 3.7)(5.6n - 1.3)$

19) $(5.4r - 4.6)(1.3r + 4.8)$

20) $(2.5p - 1.4)(4.3p - 0.5)$

21) $(3.8x + 2.9)(6.9x - 3.5)$

22) $(4.7n - 4.6)(6.1n + 1.1)$

23) $(1.6x + 5.4)(7x + 0.12)$

24) $(4.6m - 4.3)(3m - 6.8)$

Algebra 1   Name_____

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Find each product.

1) $(1.1n + 7.1)(3.5n + 6.1)$

$3.85n^2 + 31.56n + 43.31$

2) $(5.3m + 3.66)(7.7m + 2)$

$40.81m^2 + 38.782m + 7.32$

3) $(0.1b + 7.1)(4.1b - 5.4)$

$0.41b^2 + 28.57b - 38.34$

4) $(7.9x - 2)(3.7x + 2.1)$

$29.23x^2 + 9.19x - 4.2$

5) $(0.4m - 6.24)(6.4m - 3.8)$

$2.56m^2 - 41.456m + 23.712$

6) $(5.1k + 5.3)(4.5k + 3.76)$

$22.95k^2 + 43.026k + 19.928$

7) $(1.4v + 4)(0.6v - 2.8)$

$0.84v^2 - 1.52v - 11.2$

8) $(6.3p + 2.5)(0.3p - 3.74)$

$1.89p^2 - 22.812p - 9.35$

9) $(3.5v - 0.2)(6.167v + 2.324)$

$21.5845v^2 + 6.9006v - 0.4648$

10) $(1.3v + 5.262)(3.1v - 3.6)$

$4.03v^2 + 11.6322v - 18.9432$

11) $(5.2n + 5.9)(3.3n + 3.945)$

$17.16n^2 + 39.984n + 23.2755$

12) $(4.3k - 5.4)(2.24k - 1.9)$

$9.632k^2 - 20.266k + 10.26$

13) $(4.3n - 7.4)(5.9n - 4.7)$

$25.37n^2 - 63.87n + 34.78$

14) $(0.94x + 0.5)(6.42x - 1.3)$

$6.0348x^2 + 1.988x - 0.65$

15) $(7.8x + 5.6)(1.1x - 0.1)$

$8.58x^2 + 5.38x - 0.56$

16) $(4.4x + 0.8)(3.5x - 5.3)$

$15.4x^2 - 20.52x - 4.24$

17) $(4.8x + 1.5)(2.6x + 3.2)$

$12.48x^2 + 19.26x + 4.8$

18) $(2.2n + 3.7)(5.6n - 1.3)$

$12.32n^2 + 17.86n - 4.81$

19) $(5.4r - 4.6)(1.3r + 4.8)$

$7.02r^2 + 19.94r - 22.08$

20) $(2.5p - 1.4)(4.3p - 0.5)$

$10.75p^2 - 7.27p + 0.7$

21) $(3.8x + 2.9)(6.9x - 3.5)$

$26.22x^2 + 6.71x - 10.15$

22) $(4.7n - 4.6)(6.1n + 1.1)$

$28.67n^2 - 22.89n - 5.06$

23) $(1.6x + 5.4)(7x + 0.12)$

$11.2x^2 + 37.992x + 0.648$

24) $(4.6m - 4.3)(3m - 6.8)$

$13.8m^2 - 44.18m + 29.24$

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Find each product.

1) $(6m + 0.6)(3.4m - 0.29)$

2) $(3.3n + 6.9)(4.2n + 1.5)$

3) $(3b - 7.1)(4b - 7.2)$

4) $(6.5x + 3.4)(2.75x - 1.1)$

5) $(6.6n - 6.9)(3.9n - 4.1)$

6) $(6.1m - 1)(3m - 6)$

7) $(2.4v - 7.8)(5.8v + 4.164)$

8) $(1.3p + 1.28)(5.33p - 2.8)$

9) $(5.5x + 3.06)(7.356x + 0.1)$

10) $(5.1v + 5.3)(3.9v - 4.7)$

11) $(4.8x + 1.951)(8x - 7.5)$

12) $(1.8k - 5.8)(7.91k - 3.8)$

13) $(0.1x + 1.7)(5x - 1.4)$

14) $(3.7n + 6.4)(4.3n - 7.84)$

15) $(0.9m + 5.3)(7.3m + 0.4)$

16) $(4n + 7.1)(5.9n + 0.3)$

17) $(0.756n + 4.9)(6.7n - 7.822)$

18) $(5.6x - 0.9)(3.31x + 5.9)$

19) $(0.01b + 7.3)(5.971b + 2.49)$

20) $(7.5p + 2.3)(1.5p - 0.3)$

21) $(4.6x + 6.7)(4.5x - 2.6)$

22) $(2.7x - 3.1)(5.555x + 4.4)$

23) $(0.2a + 3.299)(3.3a + 1.9)$

24) $(1.8k + 5)(5.3k - 1.3)$

Algebra 1

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Find each product.

1) $(6m + 0.6)(3.4m - 0.29)$

$20.4m^2 + 0.3m - 0.174$

2) $(3.3n + 6.9)(4.2n + 1.5)$

$13.86n^2 + 33.93n + 10.35$

3) $(3b - 7.1)(4b - 7.2)$

$12b^2 - 50b + 51.12$

4) $(6.5x + 3.4)(2.75x - 1.1)$

$17.875x^2 + 2.2x - 3.74$

5) $(6.6n - 6.9)(3.9n - 4.1)$

$25.74n^2 - 53.97n + 28.29$

6) $(6.1m - 1)(3m - 6)$

$18.3m^2 - 39.6m + 6$

7) $(2.4v - 7.8)(5.8v + 4.164)$

$13.92v^2 - 35.2464v - 32.4792$

8) $(1.3p + 1.28)(5.33p - 2.8)$

$6.929p^2 + 3.1824p - 3.584$

9) $(5.5x + 3.06)(7.356x + 0.1)$

$40.458x^2 + 23.0594x + 0.306$

10) $(5.1v + 5.3)(3.9v - 4.7)$

$19.89v^2 - 3.3v - 24.91$

11) $(4.8x + 1.951)(8x - 7.5)$

$38.4x^2 - 20.392x - 14.6325$

12) $(1.8k - 5.8)(7.91k - 3.8)$

$14.238k^2 - 52.718k + 22.04$

13) $(0.1x + 1.7)(5x - 1.4)$

$0.5x^2 + 8.36x - 2.38$

14) $(3.7n + 6.4)(4.3n - 7.84)$

$15.91n^2 - 1.488n - 50.176$

15) $(0.9m + 5.3)(7.3m + 0.4)$

$6.57m^2 + 39.05m + 2.12$

16) $(4n + 7.1)(5.9n + 0.3)$

$23.6n^2 + 43.09n + 2.13$

17) $(0.756n + 4.9)(6.7n - 7.822)$

$5.0652n^2 + 26.9166n - 38.3278$

18) $(5.6x - 0.9)(3.31x + 5.9)$

$18.536x^2 + 30.061x - 5.31$

19) $(0.01b + 7.3)(5.971b + 2.49)$

$0.05971b^2 + 43.6132b + 18.177$

20) $(7.5p + 2.3)(1.5p - 0.3)$

$11.25p^2 + 1.2p - 0.69$

21) $(4.6x + 6.7)(4.5x - 2.6)$

$20.7x^2 + 18.19x - 17.42$

22) $(2.7x - 3.1)(5.555x + 4.4)$

$14.9985x^2 - 5.3405x - 13.64$

23) $(0.2a + 3.299)(3.3a + 1.9)$

$0.66a^2 + 11.2667a + 6.2681$

24) $(1.8k + 5)(5.3k - 1.3)$

$9.54k^2 + 24.16k - 6.5$

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Find each product.

1) $(0.96x - 7.7)(4.6x - 6.7)$

2) $(3a - 1.4)(5.9a + 5.4)$

3) $(3.7a - 4.8)(6.2a - 3.1)$

4) $(3.8n - 5.8)(3.4n - 2.1)$

5) $(5.2r - 0.8)(2.6r + 3.2)$

6) $(0.22b - 3.34)(6b - 1.32)$

7) $(3.3k + 7)(1.4k + 3.3)$

8) $(4.5a - 5.3)(0.9a + 1.8)$

9) $(6.1x - 5.8)(4x - 1.6)$

10) $(0.7n + 0.5)(7.1n - 5)$

11) $(3.2v - 2.6)(2.3v + 2.1)$

12) $(7.1x - 7.3)(3x - 4.6)$

13) $(6.1n + 2.4)(2.8n - 6.6)$

14) $(4.7r + 0.8)(6.6r + 2.1)$

15) $(2.6n - 6.2)(2.8n + 0.165)$

16) $(3.3x - 1.8)(6.4x + 2)$

17) $(6.4v - 1.6)(8v - 3.7)$

18) $(6.7n - 7.3)(6.6n + 0.3)$

19) $(3k + 6.3)(0.5k - 7.5)$

20) $(6.72v - 5.6)(6.3v + 1)$

21) $(1.2x - 2.36)(5.429x + 0.2)$

22) $(7.7v - 5.33)(4.8v - 3.7)$

23) $(4.5n + 3.5)(n - 2)$

24) $(7.4x + 0.5)(1.4x + 6.8)$

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Find each product.

1) $(0.96x - 7.7)(4.6x - 6.7)$

   $4.416x^2 - 41.852x + 51.59$

2) $(3a - 1.4)(5.9a + 5.4)$

   $17.7a^2 + 7.94a - 7.56$

3) $(3.7a - 4.8)(6.2a - 3.1)$

   $22.94a^2 - 41.23a + 14.88$

4) $(3.8n - 5.8)(3.4n - 2.1)$

   $12.92n^2 - 27.7n + 12.18$

5) $(5.2r - 0.8)(2.6r + 3.2)$

   $13.52r^2 + 14.56r - 2.56$

6) $(0.22b - 3.34)(6b - 1.32)$

   $1.32b^2 - 20.3304b + 4.4088$

7) $(3.3k + 7)(1.4k + 3.3)$

   $4.62k^2 + 20.69k + 23.1$

8) $(4.5a - 5.3)(0.9a + 1.8)$

   $4.05a^2 + 3.33a - 9.54$

9) $(6.1x - 5.8)(4x - 1.6)$

   $24.4x^2 - 32.96x + 9.28$

10) $(0.7n + 0.5)(7.1n - 5)$

   $4.97n^2 + 0.05n - 2.5$

11) $(3.2v - 2.6)(2.3v + 2.1)$

   $7.36v^2 + 0.74v - 5.46$

12) $(7.1x - 7.3)(3x - 4.6)$

   $21.3x^2 - 54.56x + 33.58$

13) $(6.1n + 2.4)(2.8n - 6.6)$

   $17.08n^2 - 33.54n - 15.84$

14) $(4.7r + 0.8)(6.6r + 2.1)$

   $31.02r^2 + 15.15r + 1.68$

15) $(2.6n - 6.2)(2.8n + 0.165)$

   $7.28n^2 - 16.931n - 1.023$

16) $(3.3x - 1.8)(6.4x + 2)$

   $21.12x^2 - 4.92x - 3.6$

17) $(6.4v - 1.6)(8v - 3.7)$

   $51.2v^2 - 36.48v + 5.92$

18) $(6.7n - 7.3)(6.6n + 0.3)$

   $44.22n^2 - 46.17n - 2.19$

19) $(3k + 6.3)(0.5k - 7.5)$

   $1.5k^2 - 19.35k - 47.25$

20) $(6.72v - 5.6)(6.3v + 1)$

   $42.336v^2 - 28.56v - 5.6$

21) $(1.2x - 2.36)(5.429x + 0.2)$

   $6.5148x^2 - 12.5724x - 0.472$

22) $(7.7v - 5.33)(4.8v - 3.7)$

   $36.96v^2 - 54.074v + 19.721$

23) $(4.5n + 3.5)(n - 2)$

   $4.5n^2 - 5.5n - 7$

24) $(7.4x + 0.5)(1.4x + 6.8)$

   $10.36x^2 + 51.02x + 3.4$

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Find each product.

1) $(0.8x + 6.8)(4.7x - 2.3)$

2) $(5.4r - 4.1)(6.8r - 3.6)$

3) $(8m - 4.4)(3.9m - 4.336)$

4) $(2.7r + 1.2)(5.1r - 2.6)$

5) $(1.7b - 0.7)(2.4b + 0.8)$

6) $(3.6x + 6.097)(7.4x + 5.33)$

7) $(6.9m - 4.4)(7.5m - 2.7)$

8) $(7.4x - 1.2)(2.2x + 5.7)$

9) $(2.8r - 3.4)(4.1r - 5.7)$

10) $(2.7b - 0.2)(0.723b - 7)$

11) $(7.8x + 3)(0.3x + 0.71)$

12) $(5.58x - 7.8)(2.76x - 1.9)$

13) $(1.759x - 7.9)(7.4x + 5.5)$

14) $(7.3k - 3.5)(0.985k + 7.3)$

15) $(7.3n + 1.9)(5n - 7.6)$

16) $(2n + 1.4)(5.7n - 2.6)$

17) $(3.9x + 5.6)(2x + 8)$

18) $(1.7x + 0.3)(4x + 1)$

19) $(1.5x + 4.7)(6.5x - 3.6)$

20) $(5.2x + 5.7)(5.6x - 5.2)$

21) $(4.43x + 4.8)(3.3x - 5.2)$

22) $(7.3r - 0.2)(r - 7.2)$

23) $(6.9x - 1.6)(0.45x - 6.5)$

24) $(4.51n - 5.16)(5.8n + 4.9)$

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Find each product.

1) $(0.8x + 6.8)(4.7x − 2.3)$

$3.76x^2 + 30.12x − 15.64$

2) $(5.4r − 4.1)(6.8r − 3.6)$

$36.72r^2 − 47.32r + 14.76$

3) $(8m − 4.4)(3.9m − 4.336)$

$31.2m^2 − 51.848m + 19.0784$

4) $(2.7r + 1.2)(5.1r − 2.6)$

$13.77r^2 − 0.9r − 3.12$

5) $(1.7b − 0.7)(2.4b + 0.8)$

$4.08b^2 − 0.32b − 0.56$

6) $(3.6x + 6.097)(7.4x + 5.33)$

$26.64x^2 + 64.3058x + 32.497$

7) $(6.9m − 4.4)(7.5m − 2.7)$

$51.75m^2 − 51.63m + 11.88$

8) $(7.4x − 1.2)(2.2x + 5.7)$

$16.28x^2 + 39.54x − 6.84$

9) $(2.8r − 3.4)(4.1r − 5.7)$

$11.48r^2 − 29.9r + 19.38$

10) $(2.7b − 0.2)(0.723b − 7)$

$1.9521b^2 − 19.0446b + 1.4$

11) $(7.8x + 3)(0.3x + 0.71)$

$2.34x^2 + 6.438x + 2.13$

12) $(5.58x − 7.8)(2.76x − 1.9)$

$15.4008x^2 − 32.13x + 14.82$

13) $(1.759x − 7.9)(7.4x + 5.5)$

$13.0166x^2 − 48.7855x − 43.45$

14) $(7.3k − 3.5)(0.985k + 7.3)$

$7.1905k^2 + 49.8425k − 25.55$

15) $(7.3n + 1.9)(5n − 7.6)$

$36.5n^2 − 45.98n − 14.44$

16) $(2n + 1.4)(5.7n − 2.6)$

$11.4n^2 + 2.78n − 3.64$

17) $(3.9x + 5.6)(2x + 8)$

$7.8x^2 + 42.4x + 44.8$

18) $(1.7x + 0.3)(4x + 1)$

$6.8x^2 + 2.9x + 0.3$

19) $(1.5x + 4.7)(6.5x − 3.6)$

$9.75x^2 + 25.15x − 16.92$

20) $(5.2x + 5.7)(5.6x − 5.2)$

$29.12x^2 + 4.88x − 29.64$

21) $(4.43x + 4.8)(3.3x − 5.2)$

$14.619x^2 − 7.196x − 24.96$

22) $(7.3r − 0.2)(r − 7.2)$

$7.3r^2 − 52.76r + 1.44$

23) $(6.9x − 1.6)(0.45x − 6.5)$

$3.105x^2 − 45.57x + 10.4$

24) $(4.51n − 5.16)(5.8n + 4.9)$

$26.158n^2 − 7.829n − 25.284$

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Find each product.

1) $(4.5a + 1.057)(4a + 1.6)$

2) $(6.9k - 3.7)(5.5k - 0.2)$

3) $(x + 6.8)(1.3x + 2.68)$

4) $(5.7n - 3.5)(6.6n + 1.2)$

5) $(7.6x - 3.9)(5x - 0.8)$

6) $(7.5b + 3.3)(4.61b + 7.8)$

7) $(4.5k - 6.6)(6.5k + 8)$

8) $(3.04m + 1.2)(5.8m - 7.1)$

9) $(7.4k - 2.2)(5.8k - 0.5)$

10) $(7.44x - 7.7)(2.7x - 2.5)$

11) $(6.3a - 5.6)(0.4a - 3.69)$

12) $(7.7x - 0.44)(6.2x + 2.8)$

13) $(0.6m - 3.6)(2.1m + 6.06)$

14) $(0.8b - 4.1)(1.9b - 7.53)$

15) $(7.2m + 0.4)(1.8m - 7.9)$

16) $(6.9x + 2)(7.9x - 0.1)$

17) $(6.1n + 7.4)(2.7n + 2.79)$

18) $(4.6r - 3.4)(6.9r + 0.8)$

19) $(7.1k + 1.2)(6.3k - 3.5)$

20) $(0.8x + 7)(7.3x - 0.6)$

21) $(0.1n + 3.7)(7.1n - 6.7)$

22) $(6.3n - 3.542)(7n + 2.627)$

23) $(3.01x - 0.7)(3.7x - 6.4)$

24) $(3.2r + 1.6)(4.4r - 5.8)$

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Find each product.

1) $(4.5a + 1.057)(4a + 1.6)$

$18a^2 + 11.428a + 1.6912$

2) $(6.9k - 3.7)(5.5k - 0.2)$

$37.95k^2 - 21.73k + 0.74$

3) $(x + 6.8)(1.3x + 2.68)$

$1.3x^2 + 11.52x + 18.224$

4) $(5.7n - 3.5)(6.6n + 1.2)$

$37.62n^2 - 16.26n - 4.2$

5) $(7.6x - 3.9)(5x - 0.8)$

$38x^2 - 25.58x + 3.12$

6) $(7.5b + 3.3)(4.61b + 7.8)$

$34.575b^2 + 73.713b + 25.74$

7) $(4.5k - 6.6)(6.5k + 8)$

$29.25k^2 - 6.9k - 52.8$

8) $(3.04m + 1.2)(5.8m - 7.1)$

$17.632m^2 - 14.624m - 8.52$

9) $(7.4k - 2.2)(5.8k - 0.5)$

$42.92k^2 - 16.46k + 1.1$

10) $(7.44x - 7.7)(2.7x - 2.5)$

$20.088x^2 - 39.39x + 19.25$

11) $(6.3a - 5.6)(0.4a - 3.69)$

$2.52a^2 - 25.487a + 20.664$

12) $(7.7x - 0.44)(6.2x + 2.8)$

$47.74x^2 + 18.832x - 1.232$

13) $(0.6m - 3.6)(2.1m + 6.06)$

$1.26m^2 - 3.924m - 21.816$

14) $(0.8b - 4.1)(1.9b - 7.53)$

$1.52b^2 - 13.814b + 30.873$

15) $(7.2m + 0.4)(1.8m - 7.9)$

$12.96m^2 - 56.16m - 3.16$

16) $(6.9x + 2)(7.9x - 0.1)$

$54.51x^2 + 15.11x - 0.2$

17) $(6.1n + 7.4)(2.7n + 2.79)$

$16.47n^2 + 36.999n + 20.646$

18) $(4.6r - 3.4)(6.9r + 0.8)$

$31.74r^2 - 19.78r - 2.72$

19) $(7.1k + 1.2)(6.3k - 3.5)$

$44.73k^2 - 17.29k - 4.2$

20) $(0.8x + 7)(7.3x - 0.6)$

$5.84x^2 + 50.62x - 4.2$

21) $(0.1n + 3.7)(7.1n - 6.7)$

$0.71n^2 + 25.6n - 24.79$

22) $(6.3n - 3.542)(7n + 2.627)$

$44.1n^2 - 8.2439n - 9.30483$

23) $(3.01x - 0.7)(3.7x - 6.4)$

$11.137x^2 - 21.854x + 4.48$

24) $(3.2r + 1.6)(4.4r - 5.8)$

$14.08r^2 - 11.52r - 9.28$

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Find each product.

1) $(1.7k + 5.6)(5.6k - 0.3)$

2) $(4.61m + 0.2)(1.3m + 4.5)$

3) $(3.8x + 0.3)(8x + 3.891)$

4) $(2.1x - 2.6)(4.4x + 2.41)$

5) $(3.2x + 3.8)(1.2x - 5)$

6) $(3.9x - 0.6)(7.6x + 0.8)$

7) $(3.1v - 6.4)(7.4v + 1)$

8) $(5.8k - 7.6)(7.2k - 2.83)$

9) $(3.9x + 5.9)(5.24x - 6.2)$

10) $(3.4n + 0.39)(1.5n + 3.638)$

11) $(3.4r - 3.7)(1.7r + 2.96)$

12) $(4.69m - 4.9)(6.2m - 5.6)$

13) $(3.9m - 0.577)(0.5m + 5.8)$

14) $(7.1n + 1.4)(7.5n + 3.4)$

15) $(1.4n + 7.7)(3.7n - 6.5)$

16) $(3.1x + 7.6)(7.9x - 3.9)$

17) $(4.78r + 0.6)(3.7r + 7)$

18) $(4n + 6.9)(4n + 2.5)$

19) $(0.3x - 7.1)(4.4x - 7.2)$

20) $(3.8m - 4.1)(6.5m + 0.9)$

21) $(2.4a - 3.3)(1.7a - 1.1)$

22) $(7.8x + 1.2)(1.1x - 0.423)$

23) $(4.8a - 6.8)(2.5a - 1.839)$

24) $(4.6x - 0.7)(1.1x + 4.5)$

Algebra 1   Name_____

Assignment

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Find each product.

1) $(1.7k + 5.6)(5.6k - 0.3)$

   $9.52k^2 + 30.85k - 1.68$

2) $(4.61m + 0.2)(1.3m + 4.5)$

   $5.993m^2 + 21.005m + 0.9$

3) $(3.8x + 0.3)(8x + 3.891)$

   $30.4x^2 + 17.1858x + 1.1673$

4) $(2.1x - 2.6)(4.4x + 2.41)$

   $9.24x^2 - 6.379x - 6.266$

5) $(3.2x + 3.8)(1.2x - 5)$

   $3.84x^2 - 11.44x - 19$

6) $(3.9x - 0.6)(7.6x + 0.8)$

   $29.64x^2 - 1.44x - 0.48$

7) $(3.1v - 6.4)(7.4v + 1)$

   $22.94v^2 - 44.26v - 6.4$

8) $(5.8k - 7.6)(7.2k - 2.83)$

   $41.76k^2 - 71.134k + 21.508$

9) $(3.9x + 5.9)(5.24x - 6.2)$

   $20.436x^2 + 6.736x - 36.58$

10) $(3.4n + 0.39)(1.5n + 3.638)$

   $5.1n^2 + 12.9542n + 1.41882$

11) $(3.4r - 3.7)(1.7r + 2.96)$

   $5.78r^2 + 3.774r - 10.952$

12) $(4.69m - 4.9)(6.2m - 5.6)$

   $29.078m^2 - 56.644m + 27.44$

13) $(3.9m - 0.577)(0.5m + 5.8)$

   $1.95m^2 + 22.3315m - 3.3466$

14) $(7.1n + 1.4)(7.5n + 3.4)$

   $53.25n^2 + 34.64n + 4.76$

15) $(1.4n + 7.7)(3.7n - 6.5)$

   $5.18n^2 + 19.39n - 50.05$

16) $(3.1x + 7.6)(7.9x - 3.9)$

   $24.49x^2 + 47.95x - 29.64$

17) $(4.78r + 0.6)(3.7r + 7)$

   $17.686r^2 + 35.68r + 4.2$

18) $(4n + 6.9)(4n + 2.5)$

   $16n^2 + 37.6n + 17.25$

19) $(0.3x - 7.1)(4.4x - 7.2)$

   $1.32x^2 - 33.4x + 51.12$

20) $(3.8m - 4.1)(6.5m + 0.9)$

   $24.7m^2 - 23.23m - 3.69$

21) $(2.4a - 3.3)(1.7a - 1.1)$

   $4.08a^2 - 8.25a + 3.63$

22) $(7.8x + 1.2)(1.1x - 0.423)$

   $8.58x^2 - 1.9794x - 0.5076$

23) $(4.8a - 6.8)(2.5a - 1.839)$

   $12a^2 - 25.8272a + 12.5052$

24) $(4.6x - 0.7)(1.1x + 4.5)$

   $5.06x^2 + 19.93x - 3.15$

Algebra 1   Name_____

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Find each product.

1) $(0.6a + 7.8)(0.6a - 4.5)$

2) $(6.2x + 4.1)(3x - 5.7)$

3) $(6.1x - 5.2)(0.3x + 0.1)$

4) $(4.43p + 7.5)(4.8p - 3)$

5) $(0.32n - 5.5)(1.4n + 5.6)$

6) $(1.7x - 0.8)(0.8x - 5.4)$

7) $(1.3p + 4.2)(4.4p + 1.8)$

8) $(4r + 3.1)(1.4r - 3.5)$

9) $(4.6p + 7.4)(2.1p - 2.4)$

10) $(3r - 6.8)(7.3r - 2.2)$

11) $(3.8v + 6.56)(4.7v + 2.7)$

12) $(5.8b - 3.8)(6.9b + 6.8)$

13) $(3.9r - 0.6)(7.3r + 7.7)$

14) $(6.1x + 2.2)(1.1x - 3.95)$

15) $(1.3b + 6.8)(5.2b + 7.05)$

16) $(4r - 5.4)(7.917r + 6.051)$

17) $(3.9m - 3.8)(0.3m + 2.5)$

18) $(3.9x - 0.7)(4.9x + 6.5)$

19) $(5v - 2.3)(1.4v - 5.4)$

20) $(0.2k + 3.04)(5.81k + 6.286)$

21) $(1.6k - 5.29)(7.6k - 3.521)$

22) $(0.56n + 3.78)(5.321n - 6.8)$

23) $(5.3a - 2)(7.6a + 4.4)$

24) $(5.3k - 1.5)(3.8k - 4.1)$

Algebra 1   Name_____

Assignment   Date_____ Period_____

Find each product.

1) $(0.6a + 7.8)(0.6a - 4.5)$

$0.36a^2 + 1.98a - 35.1$

2) $(6.2x + 4.1)(3x - 5.7)$

$18.6x^2 - 23.04x - 23.37$

3) $(6.1x - 5.2)(0.3x + 0.1)$

$1.83x^2 - 0.95x - 0.52$

4) $(4.43p + 7.5)(4.8p - 3)$

$21.264p^2 + 22.71p - 22.5$

5) $(0.32n - 5.5)(1.4n + 5.6)$

$0.448n^2 - 5.908n - 30.8$

6) $(1.7x - 0.8)(0.8x - 5.4)$

$1.36x^2 - 9.82x + 4.32$

7) $(1.3p + 4.2)(4.4p + 1.8)$

$5.72p^2 + 20.82p + 7.56$

8) $(4r + 3.1)(1.4r - 3.5)$

$5.6r^2 - 9.66r - 10.85$

9) $(4.6p + 7.4)(2.1p - 2.4)$

$9.66p^2 + 4.5p - 17.76$

10) $(3r - 6.8)(7.3r - 2.2)$

$21.9r^2 - 56.24r + 14.96$

11) $(3.8v + 6.56)(4.7v + 2.7)$

$17.86v^2 + 41.092v + 17.712$

12) $(5.8b - 3.8)(6.9b + 6.8)$

$40.02b^2 + 13.22b - 25.84$

13) $(3.9r - 0.6)(7.3r + 7.7)$

$28.47r^2 + 25.65r - 4.62$

14) $(6.1x + 2.2)(1.1x - 3.95)$

$6.71x^2 - 21.675x - 8.69$

15) $(1.3b + 6.8)(5.2b + 7.05)$

$6.76b^2 + 44.525b + 47.94$

16) $(4r - 5.4)(7.917r + 6.051)$

$31.668r^2 - 18.5478r - 32.6754$

17) $(3.9m - 3.8)(0.3m + 2.5)$

$1.17m^2 + 8.61m - 9.5$

18) $(3.9x - 0.7)(4.9x + 6.5)$

$19.11x^2 + 21.92x - 4.55$

19) $(5v - 2.3)(1.4v - 5.4)$

$7v^2 - 30.22v + 12.42$

20) $(0.2k + 3.04)(5.81k + 6.286)$

$1.162k^2 + 18.9196k + 19.1094$

21) $(1.6k - 5.29)(7.6k - 3.521)$

$12.16k^2 - 45.8376k + 18.6261$

22) $(0.56n + 3.78)(5.321n - 6.8)$

$2.97976n^2 + 16.3054n - 25.704$

23) $(5.3a - 2)(7.6a + 4.4)$

$40.28a^2 + 8.12a - 8.8$

24) $(5.3k - 1.5)(3.8k - 4.1)$

$20.14k^2 - 27.43k + 6.15$

Algebra 1   Name_____

Assignment

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Find each product.

1) $(2.3p - 0.8)(3.8p - 7.6)$

2) $(4.5x + 7.2)(5.8x - 7.8)$

3) $(3.3b + 0.661)(1.51b + 1.9)$

4) $(6.6v + 2.2)(2.2v + 2.1)$

5) $(6.6b - 5.7)(3.8b - 5)$

6) $(0.6m - 4.8)(5.9m - 0.6)$

7) $(4.9a + 5.22)(4a + 0.6)$

8) $(1.9x - 3.7)(4.9x + 1.8)$

9) $(0.2x + 4.8)(4.3x - 0.2)$

10) $(0.8n - 6.2)(2.4n - 5.243)$

11) $(3.5n - 2.6)(0.1n - 2.4)$

12) $(0.182a + 1.2)(4.4a - 2.5)$

13) $(0.1v - 4.74)(7.3v - 4)$

14) $(1.4p + 7.6)(5.2p + 3.3)$

15) $(5.4n + 0.4)(6.3n + 4.7)$

16) $(5.6x + 5.2)(3.8x + 4.67)$

17) $(2.71n + 1.239)(4.2n - 0.8)$

18) $(3.7x - 7.4)(7.3x - 4.08)$

19) $(3.7r - 0.8)(1.2r + 7.964)$

20) $(3.6x + 7.9)(7.2x - 4.6)$

21) $(6.2n - 2.6)(6.2n + 3.8)$

22) $(0.04r - 5.343)(4.1r + 6.2)$

23) $(6.8n - 0.3)(3.16n - 6.9)$

24) $(1.4x + 7.1)(5.092x - 1.8)$

Algebra 1   Name_____

Assignment   Date_____ Period_____

Find each product.

1) $(2.3p - 0.8)(3.8p - 7.6)$

   $8.74p^2 - 20.52p + 6.08$

2) $(4.5x + 7.2)(5.8x - 7.8)$

   $26.1x^2 + 6.66x - 56.16$

3) $(3.3b + 0.661)(1.51b + 1.9)$

   $4.983b^2 + 7.26811b + 1.2559$

4) $(6.6v + 2.2)(2.2v + 2.1)$

   $14.52v^2 + 18.7v + 4.62$

5) $(6.6b - 5.7)(3.8b - 5)$

   $25.08b^2 - 54.66b + 28.5$

6) $(0.6m - 4.8)(5.9m - 0.6)$

   $3.54m^2 - 28.68m + 2.88$

7) $(4.9a + 5.22)(4a + 0.6)$

   $19.6a^2 + 23.82a + 3.132$

8) $(1.9x - 3.7)(4.9x + 1.8)$

   $9.31x^2 - 14.71x - 6.66$

9) $(0.2x + 4.8)(4.3x - 0.2)$

   $0.86x^2 + 20.6x - 0.96$

10) $(0.8n - 6.2)(2.4n - 5.243)$

   $1.92n^2 - 19.0744n + 32.5066$

11) $(3.5n - 2.6)(0.1n - 2.4)$

   $0.35n^2 - 8.66n + 6.24$

12) $(0.182a + 1.2)(4.4a - 2.5)$

   $0.8008a^2 + 4.825a - 3$

13) $(0.1v - 4.74)(7.3v - 4)$

   $0.73v^2 - 35.002v + 18.96$

14) $(1.4p + 7.6)(5.2p + 3.3)$

   $7.28p^2 + 44.14p + 25.08$

15) $(5.4n + 0.4)(6.3n + 4.7)$

   $34.02n^2 + 27.9n + 1.88$

16) $(5.6x + 5.2)(3.8x + 4.67)$

   $21.28x^2 + 45.912x + 24.284$

17) $(2.71n + 1.239)(4.2n - 0.8)$

   $11.382n^2 + 3.0358n - 0.9912$

18) $(3.7x - 7.4)(7.3x - 4.08)$

   $27.01x^2 - 69.116x + 30.192$

19) $(3.7r - 0.8)(1.2r + 7.964)$

   $4.44r^2 + 28.5068r - 6.3712$

20) $(3.6x + 7.9)(7.2x - 4.6)$

   $25.92x^2 + 40.32x - 36.34$

21) $(6.2n - 2.6)(6.2n + 3.8)$

   $38.44n^2 + 7.44n - 9.88$

22) $(0.04r - 5.343)(4.1r + 6.2)$

   $0.164r^2 - 21.6583r - 33.1266$

23) $(6.8n - 0.3)(3.16n - 6.9)$

   $21.488n^2 - 47.868n + 2.07$

24) $(1.4x + 7.1)(5.092x - 1.8)$

   $7.1288x^2 + 33.6332x - 12.78$

Algebra 1   Name_____

Assignment   Date_____ Period____

Find each product.

1) $(3r - 6.4)(0.7r - 6.4)$

2) $(6r + 7.6)(5.2r - 3.7)$

3) $(0.225v + 2)(2.4v - 5.16)$

4) $(5.6x + 2.43)(2.3x - 3.8)$

5) $(3.2a - 7.7)(3.5a - 4.9)$

6) $(3.82n + 0.8)(7.1n + 7.3)$

7) $(6.7n + 4.1)(2.6n + 4.3)$

8) $(7.5k + 7.1)(4.6k + 5.1)$

9) $(0.09x - 4)(6.7x + 6.49)$

10) $(2.3b + 0.8)(1.5b + 5.6)$

11) $(8m - 5.27)(2.4m - 1)$

12) $(5.6x + 1.9)(0.3x + 0.6)$

13) $(1.872n - 6.5)(0.099n + 4.2)$

14) $(1.8n - 5.8)(6.3n + 4.5)$

15) $(2.9x - 7.2)(7x - 5.2)$

16) $(6.3m + 1)(1.2m + 6.8)$

17) $(1.55n - 5.7)(2.6n - 7.4)$

18) $(1.7x - 2.076)(6.3x - 7.32)$

19) $(1.3a - 0.4)(1.4a - 5.3)$

20) $(2.1r - 0.66)(1.1r - 1.8)$

21) $(2.7p + 2.7)(3.6p - 4)$

22) $(2.9a - 7.3)(0.9a + 4.6)$

23) $(1.4n + 4.3)(0.2n + 3.6)$

24) $(1.2n - 5.3)(7.55n + 6.379)$

Algebra 1   Name_____

Assignment   Date_____ Period_____

Find each product.

1) $(3r - 6.4)(0.7r - 6.4)$

   $2.1r^2 - 23.68r + 40.96$

2) $(6r + 7.6)(5.2r - 3.7)$

   $31.2r^2 + 17.32r - 28.12$

3) $(0.225v + 2)(2.4v - 5.16)$

   $0.54v^2 + 3.639v - 10.32$

4) $(5.6x + 2.43)(2.3x - 3.8)$

   $12.88x^2 - 15.691x - 9.234$

5) $(3.2a - 7.7)(3.5a - 4.9)$

   $11.2a^2 - 42.63a + 37.73$

6) $(3.82n + 0.8)(7.1n + 7.3)$

   $27.122n^2 + 33.566n + 5.84$

7) $(6.7n + 4.1)(2.6n + 4.3)$

   $17.42n^2 + 39.47n + 17.63$

8) $(7.5k + 7.1)(4.6k + 5.1)$

   $34.5k^2 + 70.91k + 36.21$

9) $(0.09x - 4)(6.7x + 6.49)$

   $0.603x^2 - 26.2159x - 25.96$

10) $(2.3b + 0.8)(1.5b + 5.6)$

   $3.45b^2 + 14.08b + 4.48$

11) $(8m - 5.27)(2.4m - 1)$

   $19.2m^2 - 20.648m + 5.27$

12) $(5.6x + 1.9)(0.3x + 0.6)$

   $1.68x^2 + 3.93x + 1.14$

13) $(1.872n - 6.5)(0.099n + 4.2)$

   $0.185328n^2 + 7.2189n - 27.3$

14) $(1.8n - 5.8)(6.3n + 4.5)$

   $11.34n^2 - 28.44n - 26.1$

15) $(2.9x - 7.2)(7x - 5.2)$

   $20.3x^2 - 65.48x + 37.44$

16) $(6.3m + 1)(1.2m + 6.8)$

   $7.56m^2 + 44.04m + 6.8$

17) $(1.55n - 5.7)(2.6n - 7.4)$

   $4.03n^2 - 26.29n + 42.18$

18) $(1.7x - 2.076)(6.3x - 7.32)$

   $10.71x^2 - 25.5228x + 15.1963$

19) $(1.3a - 0.4)(1.4a - 5.3)$

   $1.82a^2 - 7.45a + 2.12$

20) $(2.1r - 0.66)(1.1r - 1.8)$

   $2.31r^2 - 4.506r + 1.188$

21) $(2.7p + 2.7)(3.6p - 4)$

   $9.72p^2 - 1.08p - 10.8$

22) $(2.9a - 7.3)(0.9a + 4.6)$

   $2.61a^2 + 6.77a - 33.58$

23) $(1.4n + 4.3)(0.2n + 3.6)$

   $0.28n^2 + 5.9n + 15.48$

24) $(1.2n - 5.3)(7.55n + 6.379)$

   $9.06n^2 - 32.3602n - 33.8087$

Algebra 1   Name_____

Assignment   Date_____ Period_____

Find each product.

1) $(6.8n + 2.9)(2n - 7.3)$

2) $(7.4n - 1.24)(5.7n + 5.1)$

3) $(4.42x + 4.7)(3.11x - 5.1)$

4) $(2.7a - 6.6)(0.2a + 1.1)$

5) $(5.6n + 1.9)(4.8n - 0.54)$

6) $(0.9v - 1.5)(1.2v + 5.4)$

7) $(2.01b - 3.4)(3.5b + 0.7)$

8) $(3.08b - 6.4)(0.9b + 2)$

9) $(3.7n + 4.395)(5.3n - 3)$

10) $(1.51p + 5.4)(7.2p - 0.2)$

11) $(7.9x + 2.5)(2.9x - 5.4)$

12) $(6.98x + 6.9)(3.238x + 7.7)$

13) $(2.8b - 2.5)(2b - 6.8)$

14) $(5.8p - 2.8)(1.6p + 7.8)$

15) $(2.6k - 6.1)(3.6k + 0.8)$

16) $(3.4r + 6)(4.7r + 0.4)$

17) $(0.5n + 0.1)(1.9n - 3.3)$

18) $(6.2m + 0.9)(7.7m + 4.5)$

19) $(1.9b - 4.6)(4.35b + 0.2)$

20) $(3.6n - 7.8)(4.3n + 6.3)$

21) $(n + 6)(3.6n + 0.6)$

22) $(3.4x - 4)(6.9x + 0.7)$

23) $(3.2x - 1.81)(7.9x - 7.2)$

24) $(7.2a - 5.5)(1.3a - 1.7)$

Algebra 1   Name_____

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Find each product.

1) $(6.8n + 2.9)(2n - 7.3)$

$13.6n^2 - 43.84n - 21.17$

2) $(7.4n - 1.24)(5.7n + 5.1)$

$42.18n^2 + 30.672n - 6.324$

3) $(4.42x + 4.7)(3.11x - 5.1)$

$13.7462x^2 - 7.925x - 23.97$

4) $(2.7a - 6.6)(0.2a + 1.1)$

$0.54a^2 + 1.65a - 7.26$

5) $(5.6n + 1.9)(4.8n - 0.54)$

$26.88n^2 + 6.096n - 1.026$

6) $(0.9v - 1.5)(1.2v + 5.4)$

$1.08v^2 + 3.06v - 8.1$

7) $(2.01b - 3.4)(3.5b + 0.7)$

$7.035b^2 - 10.493b - 2.38$

8) $(3.08b - 6.4)(0.9b + 2)$

$2.772b^2 + 0.4b - 12.8$

9) $(3.7n + 4.395)(5.3n - 3)$

$19.61n^2 + 12.1935n - 13.185$

10) $(1.51p + 5.4)(7.2p - 0.2)$

$10.872p^2 + 38.578p - 1.08$

11) $(7.9x + 2.5)(2.9x - 5.4)$

$22.91x^2 - 35.41x - 13.5$

12) $(6.98x + 6.9)(3.238x + 7.7)$

$22.6012x^2 + 76.0882x + 53.13$

13) $(2.8b - 2.5)(2b - 6.8)$

$5.6b^2 - 24.04b + 17$

14) $(5.8p - 2.8)(1.6p + 7.8)$

$9.28p^2 + 40.76p - 21.84$

15) $(2.6k - 6.1)(3.6k + 0.8)$

$9.36k^2 - 19.88k - 4.88$

16) $(3.4r + 6)(4.7r + 0.4)$

$15.98r^2 + 29.56r + 2.4$

17) $(0.5n + 0.1)(1.9n - 3.3)$

$0.95n^2 - 1.46n - 0.33$

18) $(6.2m + 0.9)(7.7m + 4.5)$

$47.74m^2 + 34.83m + 4.05$

19) $(1.9b - 4.6)(4.35b + 0.2)$

$8.265b^2 - 19.63b - 0.92$

20) $(3.6n - 7.8)(4.3n + 6.3)$

$15.48n^2 - 10.86n - 49.14$

21) $(n + 6)(3.6n + 0.6)$

$3.6n^2 + 22.2n + 3.6$

22) $(3.4x - 4)(6.9x + 0.7)$

$23.46x^2 - 25.22x - 2.8$

23) $(3.2x - 1.81)(7.9x - 7.2)$

$25.28x^2 - 37.339x + 13.032$

24) $(7.2a - 5.5)(1.3a - 1.7)$

$9.36a^2 - 19.39a + 9.35$