

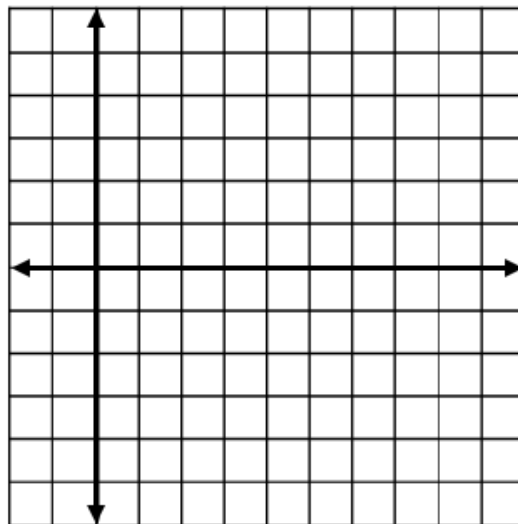
More review questions:

1 Solve $x^2 - 4x - 5 = 0$ by graphing.

WORK ON THE REVIEW!

*Answer key on website :-)

2 Solve $\frac{1}{2}x^2 - 4x + 6 = 0$ by graphing.



3 Solve $x^2 - 11x + 30 = 0$ by factoring.

4 Solve $x^2 - 5x - 14 = 0$ by factoring.

5 Solve $3x^2 + 11x + 6 = 0$ by factoring.

6 Solve $5x^2 - 14x + 8 = 0$ by factoring.

7 Solve $x^2 = 81$ using square roots.

8 Solve $6x^2 = 384$ using square roots.

9 Solve $2x^2 - 7 = 25$ using square roots.

10 Solve $4(x - 3)^2 = 144$ using square roots.

11 Solve $3(x + 1)^2 + 9 = 84$ using square roots.

12 Solve $x^2 + 6x = 16$ by completing the square.

13 Solve $x^2 - 12x = -27$ by completing the square.

14 Solve $2x^2 + 12x + 10 = 0$ by completing the square.

15 Solve $2x^2 + 8x = 42$ by completing the square.

the Quadratic formula:

16 Solve $x^2 + 5x - 14 = 0$ using the quadratic formula.

17 Solve $2x^2 - 7x + 5 = 0$ using the quadratic formula.

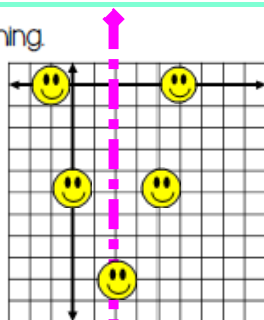
18 Solve $6x^2 + 5x - 4 = 0$ using the quadratic formula.

19 Solve $x^2 - 8x - 11 = 0$ using the quadratic formula.

20 Solve $2x^2 - 8x - 15 = 0$ using the quadratic formula.

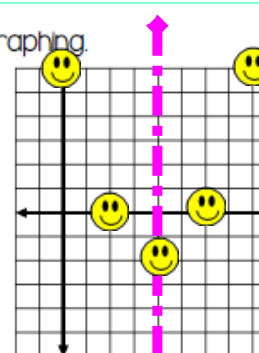
1 Solve $x^2 - 4x - 5 = 0$ by graphing.

$$x = -1; x = 5$$



2 Solve $\frac{1}{2}x^2 - 4x + 6 = 0$ by graphing.

$$x = 2; x = 6$$



3 Solve $x^2 - 11x + 30 = 0$ by factoring.

$$x = 5; x = 6$$

4 Solve $x^2 - 5x - 14 = 0$ by factoring.

$$x = -2; x = 7$$

5 Solve $3x^2 + 11x + 6 = 0$ by factoring.

$$x = -3; x = -\frac{2}{3}$$

6 Solve $5x^2 - 11x + 8 = 0$ by factoring.

$$x = \frac{4}{5}; x = 2$$

7 Solve $x^2 = 81$ using square roots.

$$x = \pm 9$$

8 Solve $6x^2 = 384$ using square roots.

$$x = \pm 8$$

9 Solve $2x^2 - 7 = 25$ using square roots.

$$x = \pm 4$$

10 Solve $4(x - 3)^2 = 144$ using square roots.

$$x = -3; x = 9$$

11 Solve $3(x + 1)^2 + 9 = 84$ using square roots.

$$x = -6; x = 4$$

12 Solve $x^2 + 6x = 16$ by completing the square.

$$x = -8; x = 2$$

14 Solve $2x^2 + 12x + 10 = 0$ by completing the square.

$$x = -5; x = -1$$

13 Solve $x^2 - 12x = -27$ by completing the square.

$$x = 3; x = 9$$

15 Solve $2x^2 + 8x = 42$ by completing the square.

$$x = -7; x = 3$$

the Quadratic formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

16 Solve $x^2 + 5x - 14 = 0$ using the quadratic formula.

$$x = -7; x = 2$$

17 Solve $2x^2 - 7x + 5 = 0$ using the quadratic formula.

$$x = 1; x = 2.5$$

18 Solve $6x^2 + 5x - 4 = 0$ using the quadratic formula.

$$x = \frac{1}{2}; x = -1\frac{1}{3}$$

19 Solve $x^2 - 8x - 11 = 0$ using the quadratic formula.

$$x = -1.2; x = 9.2$$

20 Solve $2x^2 - 8x - 15 = 0$ using the quadratic formula.

$$x = -1.39; x = 5.39$$