

Name - _____

Start time - ___ : ___

End time - ___ : ___

Solve x for the following linear equations.

a. $(-3x + 1) / (x - 2) = -3$

b. $x / 5 + (x - 1) / 3 = 1/5$

Find any real solutions for the following quadratic equations.

a. $2x^2 - 8 = 0$

b. $x^2 = -5$

c. $2x^2 + 5x - 7 = 0$

d. $(x - 2)(x + 3) = 0$

e. $(x + 7)(x - 1) = 9$

f. $x(x - 6) = -9$

g. $y(y+5) = 18$

Find any real solutions for the following quadratic equations.

a. $x^3 - 1728 = 0$

b. $x^3 = -64$

c. $\sqrt{x} = -1$

d. $\sqrt{x} = 5$

e. $\sqrt{x/100} = 4$

f. $\sqrt{200/x} = 2$

1

2

3

4

5

6

7

8

9