

## Homework

1) Solve and Check:

$$r^2 - 12r + 35 = 0$$

2) Solve:

$$6y^2 + 18y = -12$$

3) Solve:

$$\frac{x+5}{x+1} = \frac{x-1}{4}$$

4) Solve:

$$d^2 - 2d = 0$$

5) Solve:

$$x^2 - 24 = 0$$

6) What are the roots of the equation  $(x - 8)(x + 5) = 0$ ?

7) What is the equation for the accompanying graph?

