

Previous Answer:

$$x = 8 \text{ and } x = 2$$

a) Solve by factoring:

$$x^2 + 6x + 5 = 0$$

Previous Answer:

$$x = -5 \text{ and } x = -1$$

k) Solve using the
quadratic formula:

$$2x^2 + 9x - 16 = 0$$

Previous Answer:

$$x = \frac{-9 \pm \sqrt{209}}{4}$$

n) Solve using the
quadratic formula:

$$10x^2 - x = -9$$

Previous Answer:

$$x = \frac{1 \pm i\sqrt{359}}{20}$$

g) Solve by factoring:

$$-5x^2 + 13x = 6$$

Previous Answer:

$$x = \frac{3}{5} \text{ and } x = 2$$

L) Solve using the
quadratic formula:

$$2x^2 = 8 + 2x$$

Previous Answer:

$$x = \frac{1 \pm \sqrt{17}}{2}$$

b) Solve by factoring:

$$x^2 + 9x = -14$$

Previous Answer:

$$x = -7 \text{ and } x = -2$$

M) Solve using the
quadratic formula:

$$4x^2 - 7x + 10 = 0$$

Previous Answer:

$$x = \frac{7 \pm i\sqrt{111}}{8}$$

e) Solve by factoring:

$$3x^2 + 10x - 25 = 0$$

Previous Answer:

$$x = \frac{5}{3} \text{ and } x = -5$$

h) Solve by factoring:

$$x^2 - 12x + 27 = 0$$

Previous Answer:

$$x = 9 \text{ and } x = 3$$

j) Solve using the
quadratic formula:

$$x^2 + 12x = 46$$

Previous Answer:

$$x = \frac{-6 \pm \sqrt{82}}{1}$$

c) Solve by factoring:

$$4x^2 - 32x + 28 = 0$$

Previous Answer:

$$x = 1 \text{ and } x = 7$$

f) Solve by factoring:

$$2x^2 - 4x - 6 = 0$$

Previous Answer:

$$x = -1 \text{ and } x = 3$$

d) Solve by factoring:

$$x^2 = 36$$

Previous Answer:

$$x = -6 \text{ and } x = 6$$

i) Solve using the
quadratic formula:

$$x^2 - 10x + 16 = 0$$