

Tuesday, March 25, 2014

8:49 AM

$$7) \sqrt{169} = 13$$

$$11) -\sqrt{196} = -14$$

$$15) 34$$

Not a
perfect square

$$20) -9$$

Not a perfect
square

$$25) \sqrt{16} = 4$$

$$29) -\sqrt{36} = -6$$

$$32) a=1 \quad b=5 \quad c=-6$$

$$\begin{aligned} & \sqrt{b^2 - 4ac} \\ & \sqrt{5^2 - 4(1)(-6)} \\ & \sqrt{25 + 24} \\ & \sqrt{49} \\ & 7 \end{aligned}$$

$$35) a=10 \quad b=-21 \quad c=9$$

$$\begin{aligned} & \sqrt{b^2 - 4ac} \\ & \sqrt{(-21)^2 - 4(10)(9)} \\ & \sqrt{441 - 360} \\ & \sqrt{81} \\ & 9 \end{aligned}$$

$$1) \sqrt{x^2} = \sqrt{25}$$
$$x = \pm 5$$

$$4) \sqrt{x^2} = \sqrt{121}$$
$$x = \text{NRS}$$

$$7) \sqrt{y^2} = \sqrt{36}$$
$$y = \pm 6$$

$$10) \frac{-3x^2}{-3} = \frac{27}{-3}$$
$$\sqrt{x^2} = \sqrt{-9}$$
$$x = \text{NRS}$$