

102-109 → A

92-101 → B

79-91 → C

70-78 → D

69 ↓ → F

25. $\sqrt[5]{\frac{4}{25}} = 5 \frac{\sqrt[5]{4}}{\sqrt[5]{25}}$ 26.

$= \cancel{5} \frac{2}{\cancel{5}} = \underline{\underline{2}}$

$$20. 5x^2 + 125 = 0$$

$$\underline{-125 \quad -125}$$

$$\underline{5x^2 = -125}$$

$$\sqrt{x^2} = \sqrt{-25}$$

No
Solution

$$32. \frac{1}{4} \sqrt{84} = \frac{1}{4} \sqrt{4} \cdot \sqrt{21}$$

$$= \frac{1}{4} \cancel{2} \sqrt{21}$$

lator. $= \frac{1}{2} \sqrt{21} = \underline{\underline{\frac{\sqrt{21}}{2}}}$

26. $\sqrt{\frac{27}{45}} = \sqrt{\frac{3}{5}}$

$\frac{\sqrt{3} \cdot \sqrt{5}}{\sqrt{5} \cdot \sqrt{5}} = \frac{\sqrt{15}}{5}$

34. $3x^2 + 4x - 7 = 0$

$a = 3$

$b = 4$

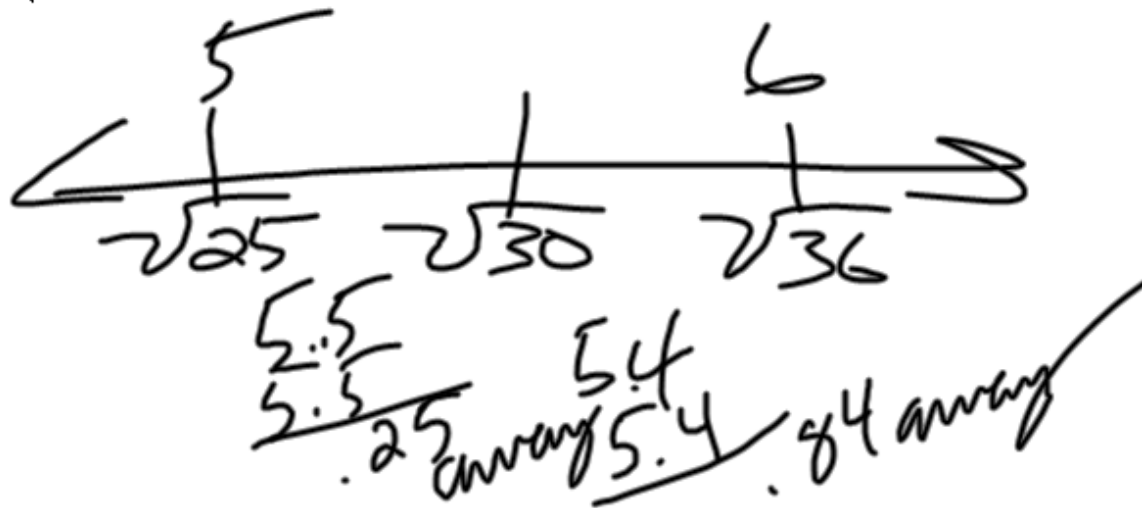
$c = -7$

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

$$x = \frac{-(4) \pm \sqrt{(4)^2 - 4(3)(-7)}}{2(3)}$$

$$x = \frac{-4 \pm \sqrt{16 - (-84)}}{6} = \frac{-4 \pm \sqrt{100}}{6} = \frac{-4 \pm 10}{6}$$

$$\sqrt{30}$$



$$\sqrt{30} \approx \underline{\underline{5.5}}$$

Use the Quadratic Formula to solve the following.
Fill in the a, b, and c values.

$$28. \sqrt{\frac{9}{7}} = \frac{\sqrt{9}}{\sqrt{7}} = \frac{3}{\sqrt{7}} \cdot \frac{\sqrt{7}}{\sqrt{7}} = \frac{3\sqrt{7}}{7}$$

$$29. \sqrt{\frac{8}{6}}$$

$$\frac{3\sqrt{7}}{7} //$$