

Why didn't Cinderella play sports?

Name _____

Solve each equation using the square root method. Show your work in the space provided. Then, place the letter of the problem in the blank above the answer.

U $3x^2 - 147 = 0$	L $5x^2 - 6 = 54$	H $-1350 = -9x^2$	O $4 + 4x^2 = 43$
N $0 = 8x^2 - 800$	Y $331 - x^2 = 7$	M $\frac{2}{3}x^2 = 48$	R $x^2 + 15 = 14$
C $4(3 + x^2) = 28$	S $25 - x^2 = 9 + x^2$	W $82 = 5x^2 - 8$	E $\frac{3}{4}x^2 = 48$
T $-67 = 17 - 6x^2$	F $5x^2 = 845$	B $25x^2 = 13$	A $2x^2 - 35 = 65$

$$\frac{\pm\sqrt{13}}{5} \quad \pm 8 \quad \pm 2 \quad \pm 5\sqrt{2} \quad \pm 7 \quad \pm 2\sqrt{2} \quad \pm 8 \quad \pm 2\sqrt{2} \quad \pm 5\sqrt{6} \quad \pm 8 \quad \pm 5\sqrt{2} \quad \pm 2\sqrt{3} \quad \pm 3\sqrt{2} \quad \pm 5\sqrt{2} \quad \pm 18 \quad \pm 2\sqrt{2}$$

$$\frac{\text{No Solution}}{\pm 5\sqrt{2}} \quad \pm 10 \quad \pm 5\sqrt{2} \quad \pm 3\sqrt{2} \quad \pm 5\sqrt{2} \quad \pm 18 \quad \pm 13 \quad \frac{\text{No Solution}}{\pm \frac{\sqrt{39}}{2}} \quad \pm 6\sqrt{2} \quad \pm \sqrt{14} \quad \pm 5\sqrt{6} \quad \pm 8 \quad \frac{\pm\sqrt{13}}{5} \quad \pm 5\sqrt{2} \quad \pm 2\sqrt{3} \quad \pm 2\sqrt{3}$$