

Answers:

1. $x = \frac{-12 \pm \sqrt{304}}{2}$

2. $n = \pm\sqrt{40.5}$

3. -10, -3

4. -11, 12

5. $\frac{1}{3}$, 3.5

6. -9, 0.75

7. -1, 1

8. $x = \frac{-5 \pm \sqrt{385}}{2}$

9. -2, 2

10. No real solutions

11. $h = \frac{-77 \pm \sqrt{6241}}{12}$

12. 4, -0.6