

Simplify.

| | | |
|---------------------------------|------------------------------|------------------------------|
| $12 \pm \sqrt{4}$ | $7 \pm \sqrt{27}$ | $10 \pm \sqrt{200}$ |
| $\frac{-10 \pm \sqrt{144}}{-4}$ | $\frac{6 \pm \sqrt{18}}{12}$ | $\frac{5 \pm \sqrt{12}}{10}$ |

Solve by Completing the Square.

| | |
|------------------------|------------------------|
| $k^2 - 14k + 36 = -13$ | $h^2 + 4h - 26 = 6$ |
| $n^2 + 3n + 9 = 7$ | $m^2 + 15m + 29 = -15$ |

Solve by Square Roots.

| | |
|-------------------------|---------------------------|
| $-4d^2 + 69 = 33$ | $(v + 7)^2 = 121$ |
| $2(-4 + p)^2 + 56 = 64$ | $68 = 88 - 5(-22 + 4c)^2$ |

Simplify.

| | | |
|-------------|--------------|--------------|
| $\sqrt{32}$ | $\sqrt{117}$ | $\sqrt{192}$ |
|-------------|--------------|--------------|

Solve by Square Roots. *Check your answers.*

| | | |
|------------------|-----------------|-------------------|
| $5n^2 + 16 = 81$ | $79 + b^2 = 97$ | $100 = (p + 8)^2$ |
|------------------|-----------------|-------------------|

| | |
|-------------------------|-------------------------|
| $(y - 19)^2 = 20$ | $119 = 2(-6 + p)^2 - 7$ |
| $119 = 2(-6 + p)^2 - 7$ | $144 = 12 + (n + 19)^2$ |