

## Answers to 4.5 Choosing a Method

1) When it factors

3) When there is no term with just  $x$ ;  $x^2$  or  $(x + c)^2$

5) Answers will vary.

7) Factoring

Quadratic formula

9) Complete the square

Quadratic formula

11) Quadratic formula

13) Factoring

Quadratic formula

15)  $\{11, -13\}$

17)  $\{\sqrt{7}, -\sqrt{7}\}$

19)  $\left\{ \frac{1 + \sqrt{7}}{2}, \frac{1 - \sqrt{7}}{2} \right\}$