

## ANSWER KEY FOR EXTRA PRACTICE SHEET 30

### Extra Practice after Section 8.7

1.  $c = 5$

2.  $b = \sqrt{288} \approx 16971$

3.  $b = 12$

4.  $b = 12$

5.  $a = 8$

6.  $a = \sqrt{128} \approx 11314$

7.  $c = \sqrt{272} \approx 16492$

8.  $c = 5$

9.  $c = 13$

10.  $b = 8$

11.  $a = \sqrt{180} \approx 13416$

12.  $b = \sqrt{208} \approx 14.422$

13.  $a = \sqrt{7} \approx 2646$

14.  $c = \sqrt{200} \approx 14142$

15.  $a = \sqrt{108} \approx 10392$