

Name _____

7-1, 2, 3 Quiz Practice - Roots, Distance, Area

1. Simplify the radical

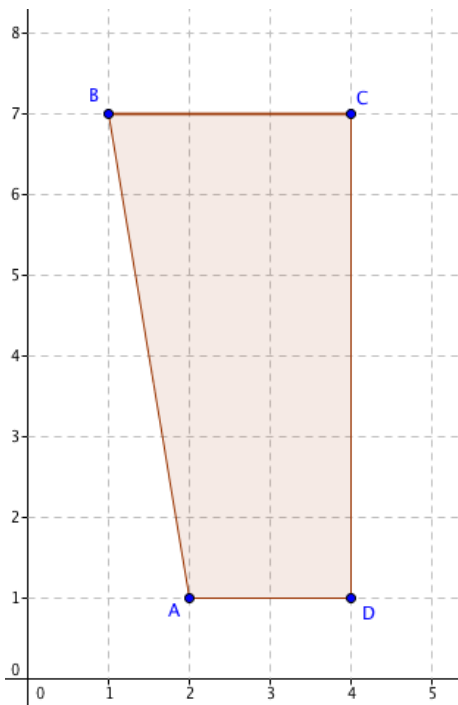
$$\sqrt{245}$$

Find the distance between the two points. Use exact, simplified answer.

2. $(-13, -41)$ and $(2, -33)$

3. $(33, -1)$ and $(17, -5)$

Find the perimeter and area of the figure below. Round your answers to the nearest hundredth if necessary.



ANSWERS:

1. $7\sqrt{5}$

2. 17

3. $4\sqrt{17} \approx 16.5$

4. 17.08 units

5. 15 units squared