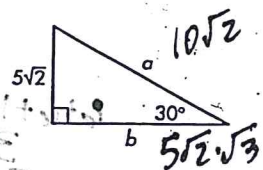


key

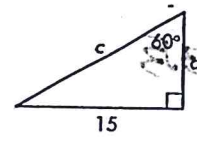
Practice Book
Lesson 10.4

In Exercises 8-10, find each missing length. All lengths are in centimeters.

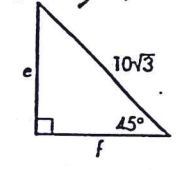
8. $a = 10\sqrt{2}$
 $b = 5\sqrt{6}$



9. $c = 10\sqrt{3}$
 $d = 5\sqrt{3}$

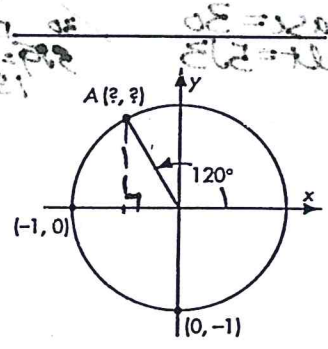


10. $e = 5\sqrt{6}$
 $f = 5\sqrt{6}$



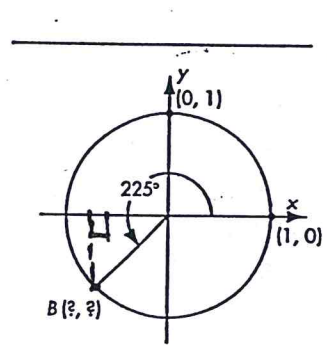
$\frac{10\sqrt{3}}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \frac{10\sqrt{6}}{2} = 5\sqrt{6}$

11. What are the coordinates of point A?



~~$(-1.5, 1.5\sqrt{3})$~~
 ~~$(-\frac{1}{2}, \frac{1}{2}\sqrt{3})$~~
 $(-5, 5\sqrt{3})$

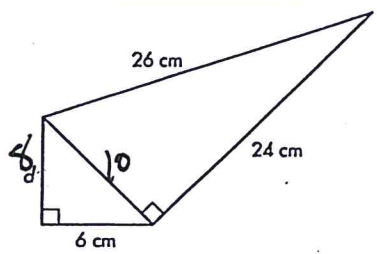
12. What are the coordinates of point B?



$(-\frac{\sqrt{2}}{2}, -\frac{\sqrt{2}}{2})$

Lesson 10.5

1. $d = 8 \text{ cm}$



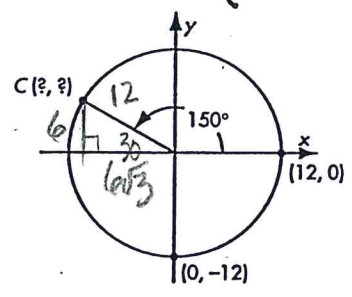
#4 on back

$AB = 10$
 $BC = 10$
 $AC = 12$

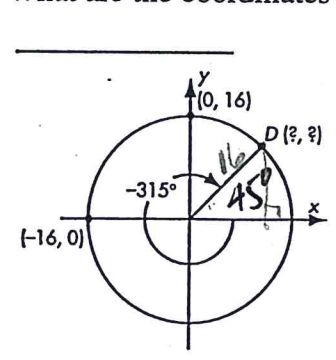
perimeter = 32
isosceles

2. What are the coordinates of point C?

$(-6\sqrt{3}, 6)$



3. What are the coordinates of point D?



~~$(\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2})$~~
 $(8\sqrt{2}, 8\sqrt{2})$