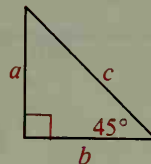


Written Exercises

Copy and complete the tables.

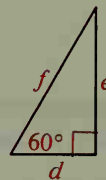
A 1. 2. 3. 4. 5. 6. 7. 8.

<i>a</i>	4	?	$\sqrt{5}$?	?	?	?	?
<i>b</i>	?	$\frac{2}{3}$?	?	?	?	$4\sqrt{2}$?
<i>c</i>	?	?	?	$3\sqrt{2}$	6	$\sqrt{14}$?	5



9. 10. 11. 12. 13. 14. 15. 16.

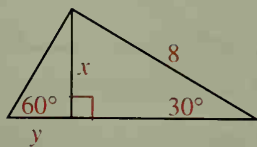
<i>d</i>	7	$\frac{1}{4}$?	?	?	?	?	?
<i>e</i>	?	?	$5\sqrt{3}$	6	?	?	3	?
<i>f</i>	?	?	?	?	10	13	?	$6\sqrt{3}$



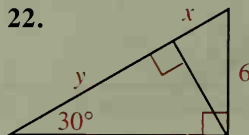
17. Find the length of a diagonal of a square whose perimeter is 48.
18. A diagonal of a square has length 8. What is the perimeter of the square?
19. An altitude of an equilateral triangle has length $6\sqrt{3}$. What is the perimeter of the triangle?
20. Find the altitude of an equilateral triangle if each side is 10 units long.

Find the values of x and y in each diagram.

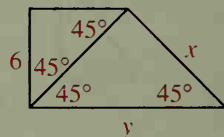
B 21.



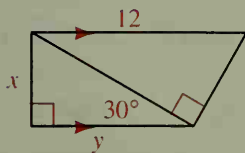
22.



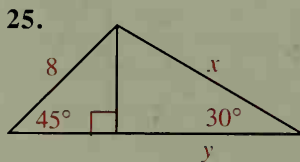
23.



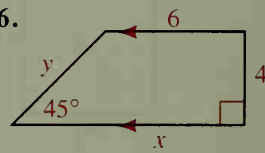
24.



25.



26.



27. The diagram shows four 45° - 45° - 90° triangles. If $OA = 1$, find OB , OC , OD , and OE .

