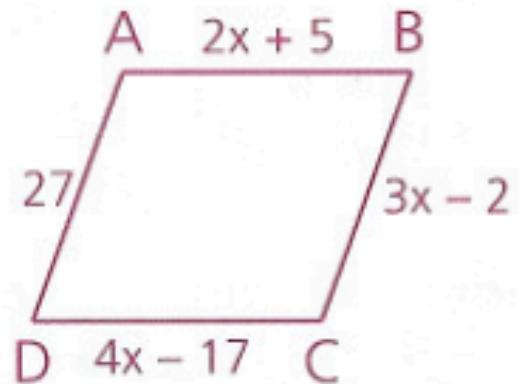


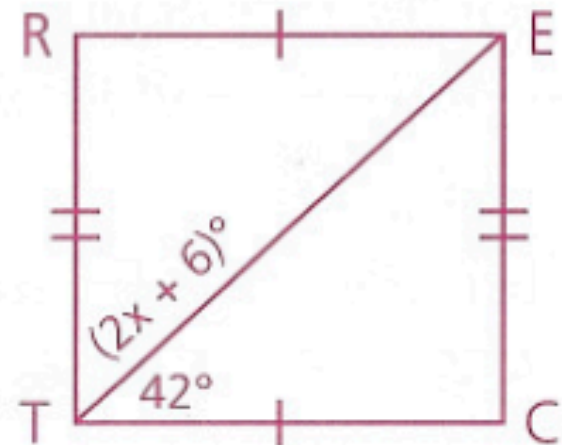
Homework p. 258: 1, 2, 3, 14, 16, 19

1 Locate points $Q = (2, 4)$, $U = (2, 7)$, $A = (10, 7)$, and $D = (10, 4)$ on a graph. Then give the most descriptive name for QUAD.

2 If $\overline{AB} \cong \overline{DC}$, show that ABCD is not a rhombus.

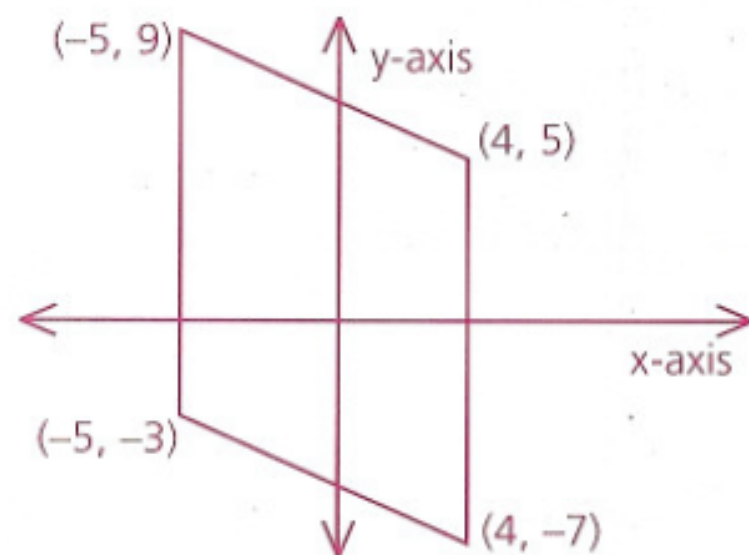


3 In order for RECT to be a rectangle, what must the value of x be?



14 What is the most descriptive name for a quadrilateral with vertices $(-7, 2)$, $(2, 8)$, $(6, 2)$, and $(-3, -4)$? Justify your conclusion.

16 Find the area of the parallelogram. (Hint: $\text{Area} = \text{base} \cdot \text{height}$.)



19 Write a quadratic equation to represent the area of the rectangle. If the area is 160 square meters, find the perimeter.

