

Name \_\_\_\_\_

Date \_\_\_\_\_

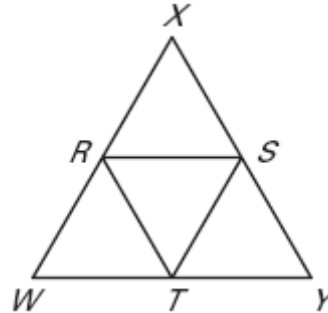
LESSON 5.1

**Practice C**

For use with pages 294–301

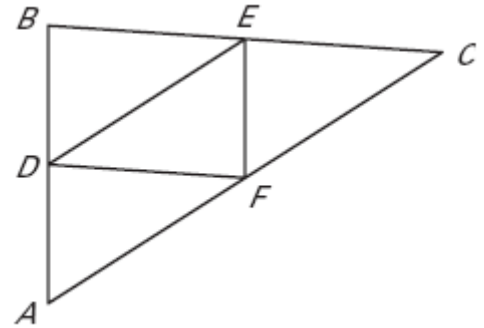
Use  $\triangle WXY$ , where  $R$ ,  $S$ , and  $T$  are midpoints of the sides.

1.  $\overline{RS} \parallel$  \_\_\_\_\_
2.  $\overline{ST} \parallel$  \_\_\_\_\_
3. If  $TY = 4$ , then  $RS =$  \_\_\_\_\_.
4. If  $RT = 7$ , then  $XY =$  \_\_\_\_\_.



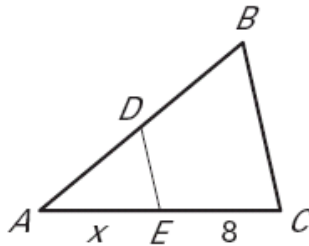
Use the diagram of  $\triangle ABC$  where  $D$ ,  $E$ , and  $F$  are the midpoints of the sides.

5. If  $FE = 6.5x - 10$  and  $AB = 3x + 20$ , then  $AB =$  \_\_\_\_\_.
6. If  $DF = 3.5x + 6$  and  $BC = 3x + 36$ , then  $DF =$  \_\_\_\_\_.

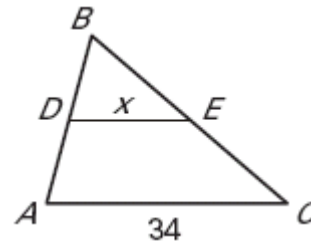


$\overline{DE}$  is a midsegment of  $\triangle ABC$ . Find the value of  $x$ .

7.

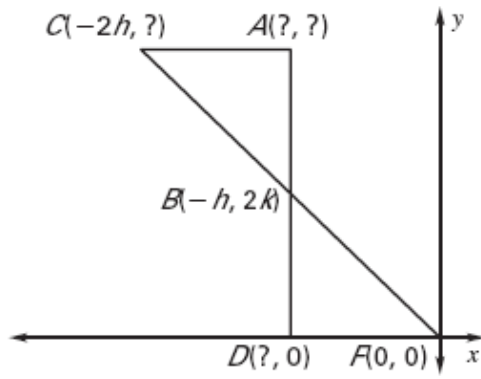


8.



Find the unknown coordinates of the points in the figure.

9.



10.

