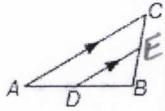


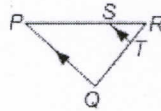
# 7-4 Practice

## Parallel Lines and Proportional Parts

1. If  $AD=24$ ,  $DB=27$ , and  $EB=18$ , find  $CE$ .

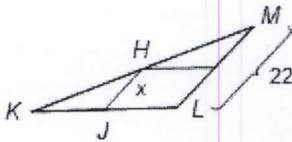


2. If  $QT=x+6$ ,  $SR=12$ ,  $PS=27$ , and  $TR=x-4$ , find  $QT$  and  $TR$ .

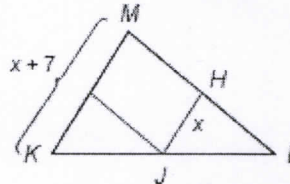


$JH$  is a midsegment of  $\triangle KLM$ . Find the value of  $x$ .

3.



4.



5. **MAPS** On a map, Wilmington Street, Beech Drive, and Ash Grove Lane appear to all be parallel. The distance from Wilmington to Ash Grove along Kendall is 820 feet and along Magnolia, 660 feet. If the distance between Beech and Ash Grove along Magnolia is 280 feet, what is the distance between the two streets along Kendall?

