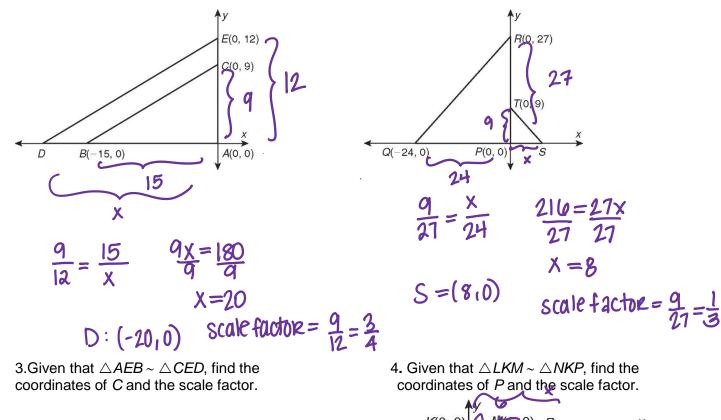
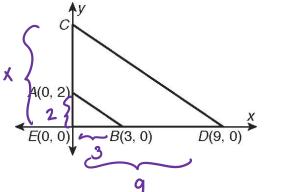
7.6 SIMILARITY IN THE COORDINATE PLANE

1. Given that $\triangle ABC \sim \triangle ADE$, find the scale factor and the coordinates of *D*.

Le'

2. Given that $\Delta PQR \sim \Delta PST$, find the scale factor and the coordinates of *S*.





$$\frac{3}{9} = \frac{2}{x}$$
 $\frac{3x=18}{x=6}$ $C = (0,6)$

scale factor: $\frac{3}{9} = \frac{1}{3}$

