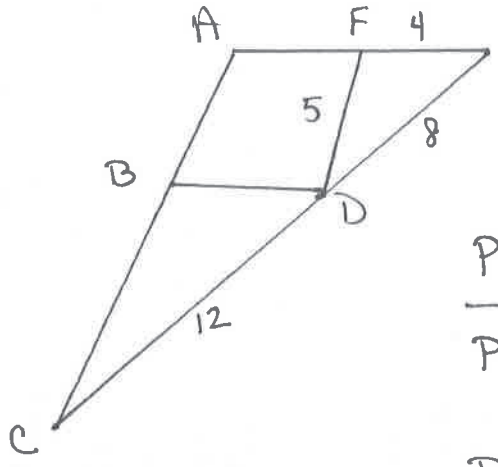
Geometry
Section 7-5
Selected Answers.

1, 2, 4-6, 8-13

8.)



$\Delta BCD \sim \Delta FDE$

find $P_{\Delta BCD}$

$$\frac{P_{\Delta BCD}}{P_{\Delta FDE}} = \frac{CD}{DE}$$

$$\frac{P_{\Delta BCD}}{4+5+8} = \frac{12}{8}$$

$$\frac{P_{\Delta BCD}}{17} = \frac{12}{8}$$

$$P_{\Delta BCD} = \left(\frac{12}{8}\right)(17)$$

$$\boxed{P_{\Delta BCD} = 25\frac{1}{2}}$$

10.) Perimeter $\Delta CBH = 18\frac{9}{10}$

12.) Perimeter $\Delta ABC = 20$