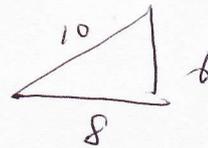
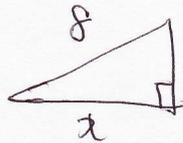
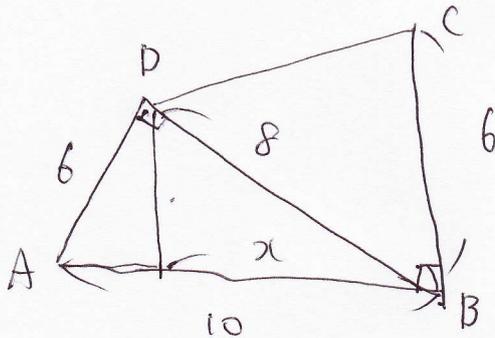
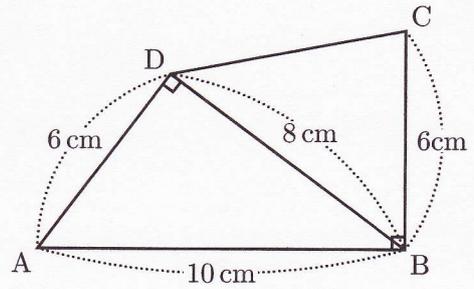




右の図の四角形 ABCD の面積を求めなさい。AB=10 cm, BC=6 cm, BD=8 cm, AD=6 cm, $\angle ADB = \angle ABC = 90^\circ$ とする。



$$8 : x = 10 : 8$$

$$10x = 64 \quad x = \frac{32}{5} \quad \text{in } \triangle DBC \text{ の高さ} \\ \text{(底辺 BC と 1:2 と 2 の)}$$

$f > 2$

$$\text{四角形 } ABCD = \triangle ABD + \triangle DBC$$

$$= 6 \times 8 \times \frac{1}{2} + 6 \times \frac{32}{5} \times \frac{1}{2}$$

$$= 24 + \frac{96}{5}$$

$$= \frac{216}{5}$$

$$\frac{216}{5} \text{ cm}^2$$

