

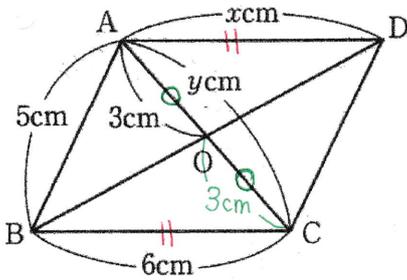
中2~第45回平行四辺形の性質~

氏名:

解答・解説

例題 次の図の□ABCDで、 $x$ ,  $y$ の値をそれぞれ求めなさい。

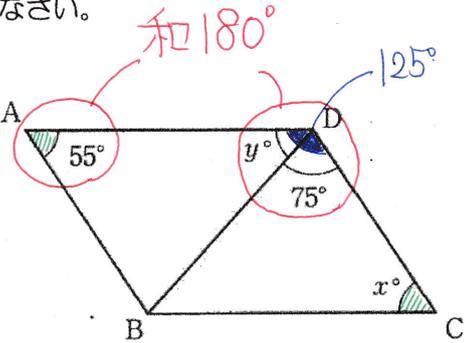
(1)



$$x = 6 \text{ cm}$$

$$y = 6 \text{ cm}$$

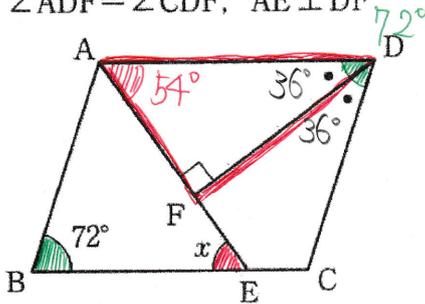
(2)



$$x = 55^\circ$$

$$y = 125 - 75 = 50^\circ$$

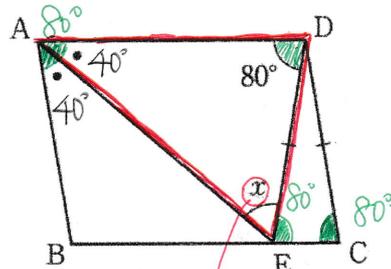
(3)  $\angle ADF = \angle CDF$ ,  $AE \perp DF$



$$x = 54^\circ$$

(4)

$DE = DC$ ,  $\angle BAE = \angle DAE$



$$180 - (40 + 80) = 60^\circ$$

$$x = 60^\circ$$