

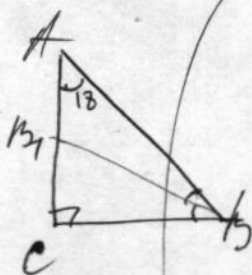


$$a) \angle A = 90 - \angle B = 90 - 75 = 25^\circ$$

$$b) \angle B = \angle A + 10 \rightarrow \angle A + \angle B = 90$$

$$\angle A + \angle A + 10 = 90$$

$$2\angle A = 80 \Rightarrow \angle A = 40^\circ$$



$$\angle AB_1B = \frac{90 - 18}{2} = 36 = \angle B_1BC \text{ (т.к. } BB_1 \text{ - биссектриса)}$$

$$\angle AB_1B = 180 - 18 - 36 = 126^\circ \text{ (по сумме углов } \triangle AB_1B)$$

$$\angle CB_1B = 180 - 126 = 54^\circ$$

$$\triangle AB_1B: \angle A = 18^\circ$$

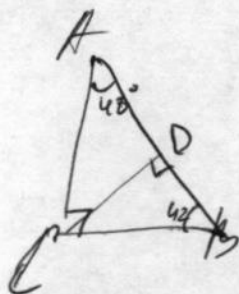
$$\angle AB_1B = 36^\circ$$

$$\angle AB_1B = 126^\circ$$

$$\triangle B_1BC: \angle C = 90$$

$$\angle CB_1B = 54^\circ$$

$$\angle B_1BC = 36$$



$$\angle B = 90 - 48 = 42^\circ$$

$$\angle BCD = 90 - 42 = 48^\circ$$