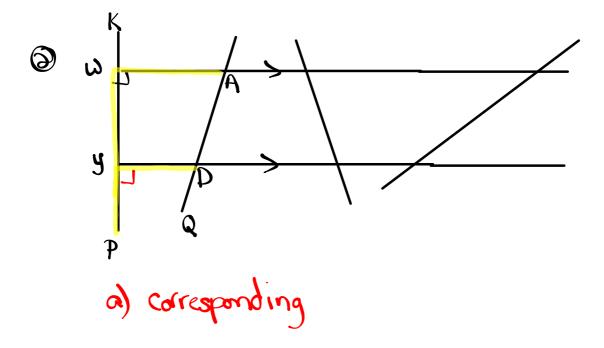


Find
$$\leq RTQ = 180' - 103'$$

= 77°



$$A = 180^{\circ}(n-3)$$

$$163 = 180n - 360$$

$$163n = 180n - 360$$

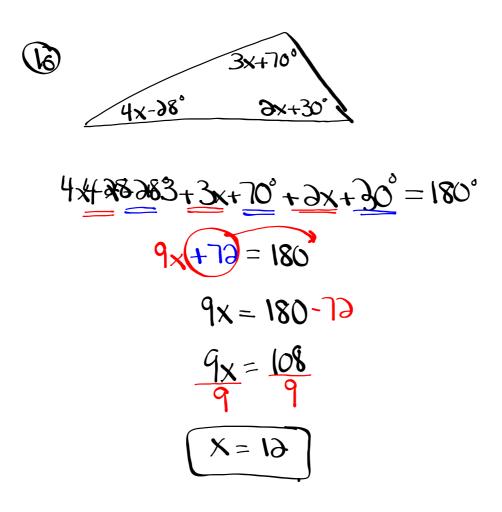
$$163n = 180n - 360$$

$$-18n = -360^{\circ}$$

$$-18 = -360$$

$$-18 = -360$$

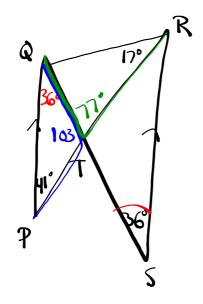
$$-18 = -360$$



$$S = 180'(n-3)$$

$$S = 180'(11-3)$$

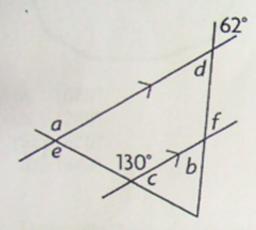
$$S = 80'(9)$$



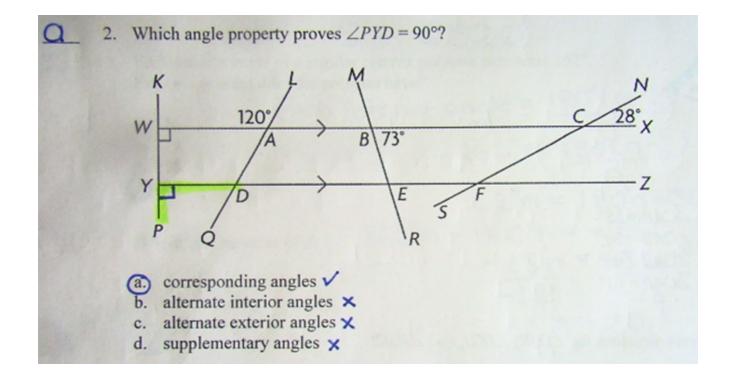
Multiple Choice

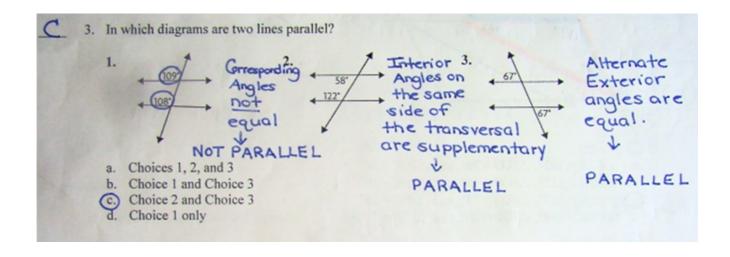
Identify the choice that best completes the statement or answers the question.

1. Which statement about the angles in this diagram is false?



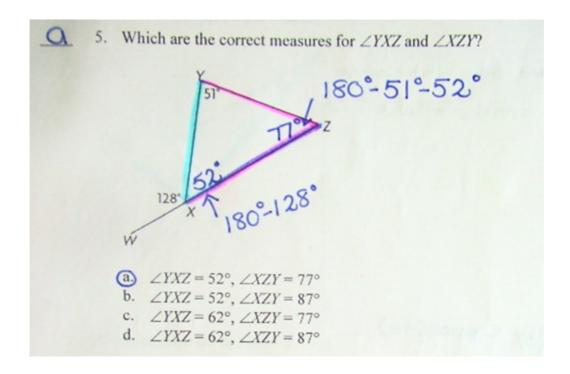
- a. $\angle a = \angle e \vee (Vertically \circ pposite)$ b) $\angle c = \angle e \times (FALSE)$ c. $\angle d = \angle b \vee (Corresponding)$ d. $\angle b = \angle f \vee (Vertically \circ pposite)$

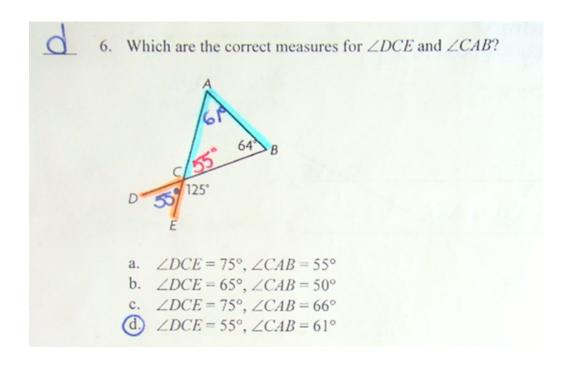


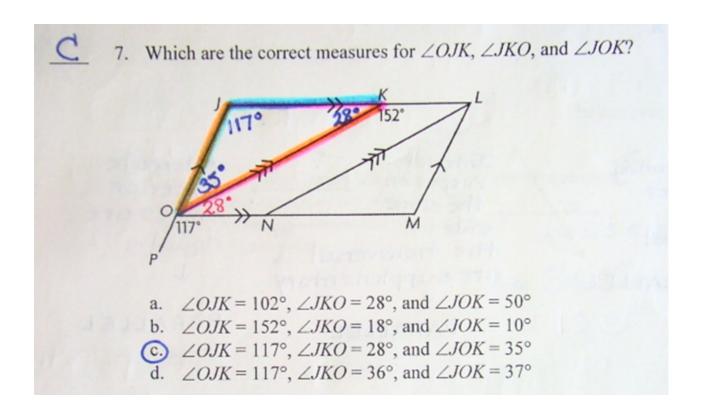


4. Which are the correct measures of the indicated angles?

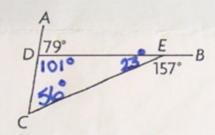
a. $\angle w = 146^{\circ}$, $\angle x = 44^{\circ}$, $\angle y = 146^{\circ}$ b. $\angle w = 134^{\circ}$, $\angle x = 46^{\circ}$, $\angle y = 46^{\circ}$ c. $\angle w = 136$, $\angle x = 44^{\circ}$, $\angle y = 136^{\circ}$ d. $\angle w = 116^{\circ}$, $\angle x = 64^{\circ}$, $\angle y = 64^{\circ}$







8. Which are the correct measures of the interior angles of $\triangle CDE$?



- a. $\angle DCE = 46^{\circ}$, $\angle CDE = 101^{\circ}$, and $\angle CED = 33^{\circ}$
- b. $\angle DCE = 32^{\circ}$, $\angle CDE = 83^{\circ}$, and $\angle CED = 65^{\circ}$
- c. $\angle DCE = 76^{\circ}$, $\angle CDE = 91^{\circ}$, and $\angle CED = 13^{\circ}$
- d. $\angle DCE = 56^{\circ}$, $\angle CDE = 101^{\circ}$, and $\angle CED = 23^{\circ}$

