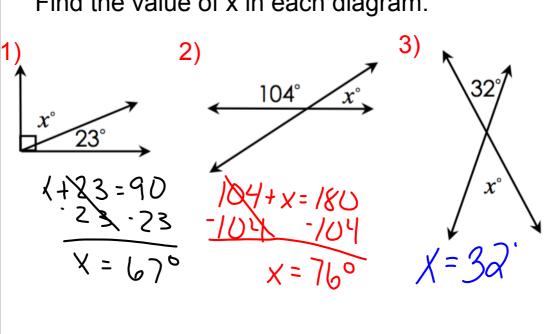
Do Now

Find the value of x in each diagram.



Jan 8-4:59 PM

Homework Answers

2)
$$x = 9$$

 $\angle ABD = 68$

7)
$$\begin{array}{c} x = 19 \\ \angle EFG = 139 \\ \angle IFH = 49 \\ \angle EFD = 41 \end{array}$$
 9) $\begin{array}{c} x = 7 \\ 32 \\ 58 \end{array}$

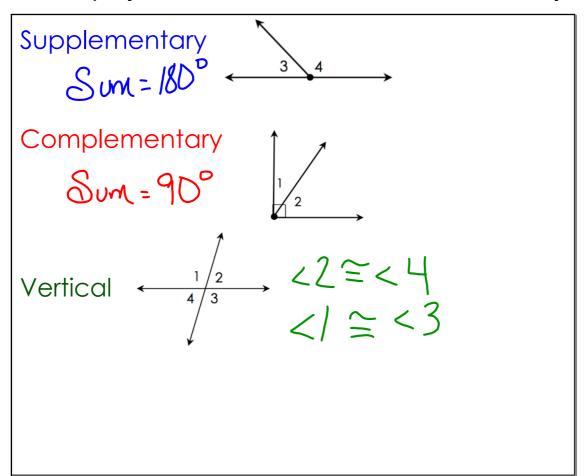
3)
$$x = 12$$

6)
$$x = 3$$

 $\angle DBE = 64$
 $\angle EBC = 26$

3)
$$3x+20=6x-16$$

Jan 9-7:04 AM



Jan 8-7:15 PM

Finding Angle Measurements "in words"

If $\angle G$ and $\angle H$ are supplementary angles and $m\angle H = 51^{\circ}$, find $m\angle G$.

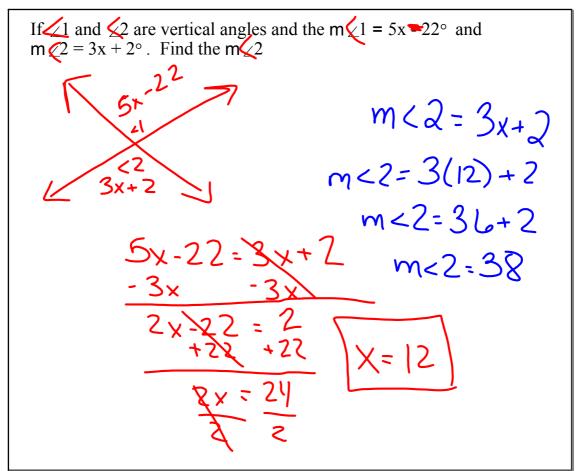
If $\langle 1 \text{ and } \langle 2 \text{ are vertical angles and } m \langle 1 = 128^{\circ} \text{ , find } m \langle 2 \text{ .} \rangle$

$$M < 2 = 128$$

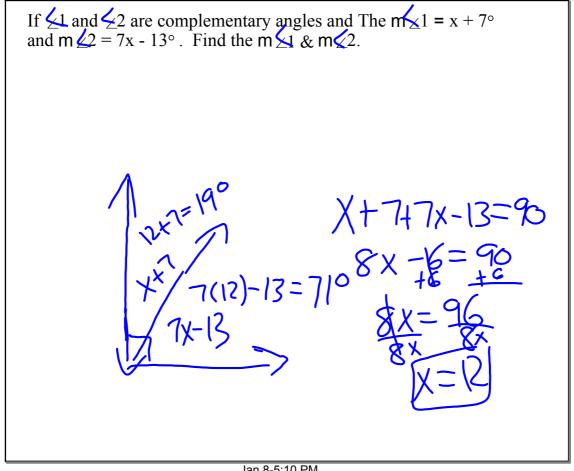
If \checkmark J and \checkmark K are complementary angles and m \checkmark K = 73°, find m \checkmark J.

$$\frac{1}{200-73}$$
 $\frac{1}{200-73}$

Jan 8-5:10 PM

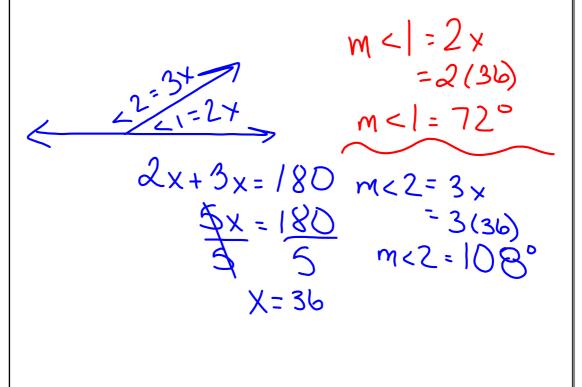


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Jan 8-5:10 PM

If $\angle 1$ and $\angle 2$ are supplementary angles and their measures are in the ratio of 2:3. Find the m $\angle 1$ & m $\angle 2$.



Jan 8-5:18 PM

If ≤ 1 and ≤ 2 are complementary and their measures are in the ratio of 2:4. Find the m ≤ 1 & m ≤ 2 .

