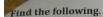
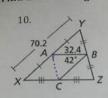
Name: Ky	Date:	Per:
	Chapter 6.1/6.2/6.4 Quiz Revie	
Directions: Answer the questions below. You may use your book, your notes, and a	calculator.	
1. What is the <u>circumcenter</u> of a tria	BISECTORS OF A	TRIANGLE.
2. The <u>circumcenter</u> is always locate		
a. INSIDE an acute triangle b. ON a right triangle	e	
c. OUTSIDE an obtuse trian	gle	
3. What is the <u>incenter</u> of a triangle	THE POINT OF INTERSE	CTION OF THE ANGLE BISECTORS
4. The <u>incenter</u> is always located <u>l</u>	NSIDE the triangle.	
5. What is the midsegment of a tria	of a TRIANGLE.	TING THE MIDPOINTS OF TWO SIDES
6. Find S.1 R Q 7.4 7.4	7. Find m $\angle MNP$. $ \begin{array}{c} M \\ 7 \\ \hline & 10 $	8. Find JM. 11x-9 9x+5
¥s	P	MNP=2=+10+4=-6 JM=LM (LM=9x
PR=RQ [5.1=RQ]	m LMNV=mLPNV\n0 2x+10 = 4x-6 16 = 2x 8 = x	=62+4 $=68)+4$ $=68$ $=68$ $=68$ $=68$
Ra <u>5.1</u>	mLMNP 52°	IM = 68
\overline{PZ} and \overline{PY} are <u>angle bisectors</u> of ΔWY	Z. Find the following. $m \angle WZX = 46^{\circ}$ b. the	e shortest distance from P to $\overline{WY} = 16$
W 46° 16 X	12PYX=M2PYZ =21° 12XYZ=21+21 =42°	PX = 16
180	1=46+42+mLZ 1=88+mLZ L=mLZ	
To	LW&X = 92	
	=46°	TURN
事 主 造物 "多"。		
主义 是一种		





$$XZ = 2(AB)$$

= 2(32.4)
= 64.8

$$XZ = 2(AB)$$
 $BC = \frac{1}{2}(YX)$
= $2(32.4)$ $= \frac{1}{2}(70.2)$
 $= (64.8)$ $= 35.1$

DG: x matches, x different OG: y matches, x different

11. Find the <u>circumcenter</u> of triangle DOG with points $\frac{2}{2(6-2)}\frac{2}{2(6-2)}\frac{2}{2(6-2)}$ D(6,3) D(6,3) D(6,3)

$$M = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2}\right) = \left(\frac{6 + 6}{2}, \frac{3 + (-5)}{2}\right) = \left(6 - \frac{1}{2}\right)$$

$$M = \frac{y_2 - y_1}{x_2 - x_1} = \frac{-5 - 3}{6 - 6} = \frac{-8}{0}$$

$$M_1 = \frac{0}{-8} = 0$$

$$\frac{4 = -1}{\text{MNSECTOR OF OG}}$$

$$M = \left(\frac{-4+6}{2}, \frac{-5+(-5)}{2}\right) = \underbrace{(1, -5)}_{0}$$

$$M = \frac{-5(-5)}{6-(-4)} = \frac{0}{10}$$

$$m_{\perp} = \frac{10}{0}$$
 undefined

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