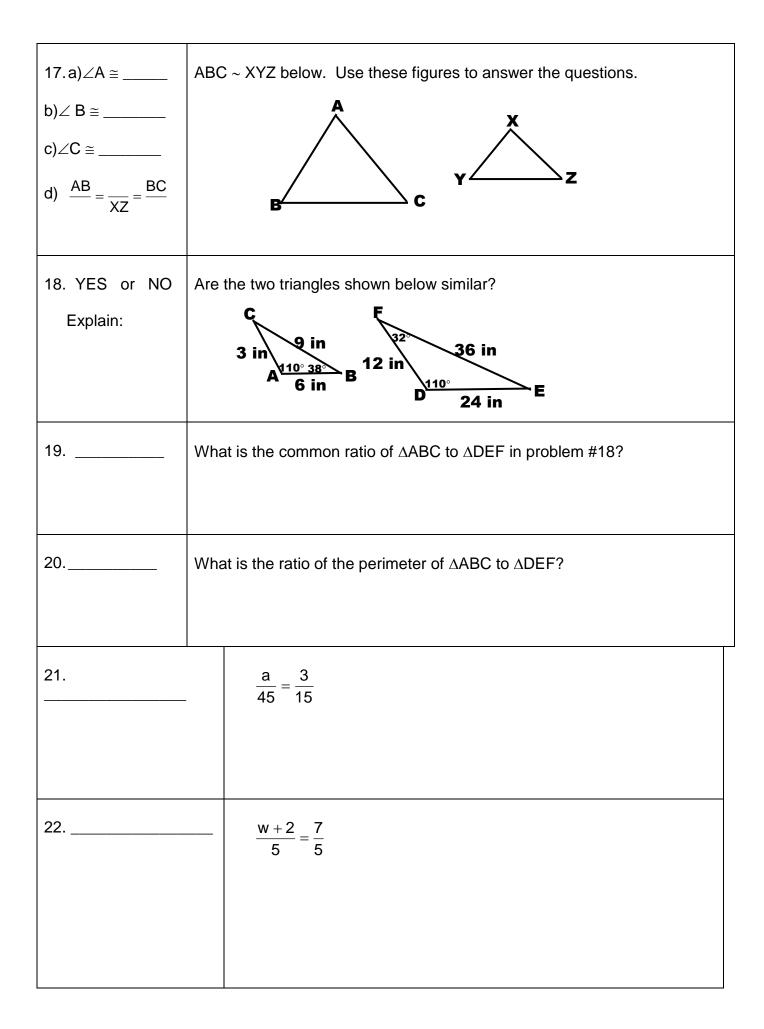
NAME		DATE	PER
		SIMILAR POLYGONS the questions that follow.	
1			M
2	AB : ?		
3	CA : ?	A C	
4	∠M ≅ ?		
5	∠C ≅ ?		
6	<u>MN</u> : ?		
7	Name the side	included between $\angle A$ and $\angle B$.	
8	Name the angl	e included between $\overline{\rm MN}$ and $\overline{\rm LM}$.	
9	Name the angl	e included between \overline{AC} and \overline{BC} .	
10	Name the side	included between $\angle L$ and $\angle N$.	
If Quad LMNO is	similar to Quad	I WXYZ, name the following.	
11	$\angle L \cong ?$		
12	MN : ?		
13	∠N ≅ ?		
14	ZW : ?		
15	What angle is	s included between WX and XY?	
16	What side is	included between $\angle N$ and $\angle O$?	



23	$\frac{5+y}{y-3} = \frac{14}{10}$
24	$\frac{m+8}{-3} = \frac{17-m}{-2}$
25	A recipe for $2\frac{1}{2}$ dozen whole-wheat muffins requires 600 g of flour. How many muffins can be made with 900 g of flour?
26	A model airplane is made to the scale 1 inch to 24 inches. If the wing of the actual plane is 18 feet long, how long will the model wing be?

27	When rating movies in 1994, critic Gene Siskel gave four thumbs up to every five thumbs up given by his partner Roger Ebert. If Mr. Siskel gave thumbs up to 68 movies, how many movies did Mr. Ebert rate favorably?
28	Mandy plays shortstop for her softball team. Last year she caught 65% of the infield fly balls. During the first four weeks of the season, there were 73 infield fly balls. About how many did Mandy catch?
29	Given that $\frac{a}{b} = \frac{5}{7}$, complete the following equation: $\frac{a}{5} = ?$
30	If $\frac{a}{b}$ is proportional to $\frac{c}{d}$, which of the following is <u>not</u> necessarily true? A. ad = bc B. $\frac{a}{c} = \frac{b}{d}$ C. ab = cd D. Not Here