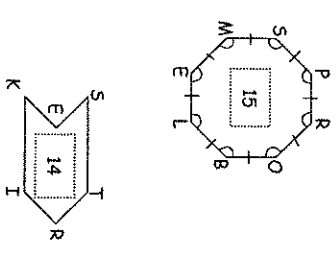
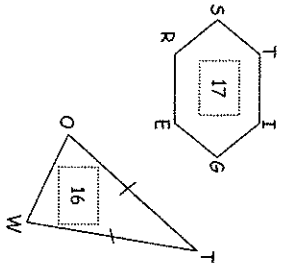
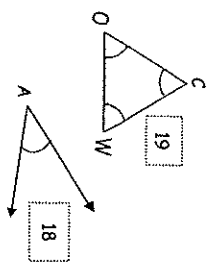
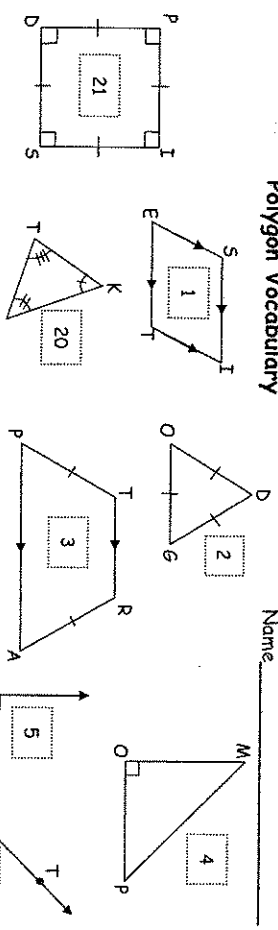
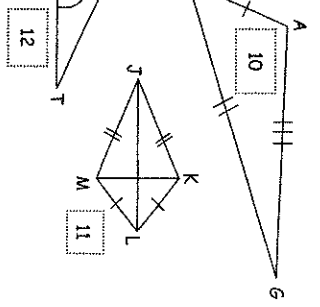
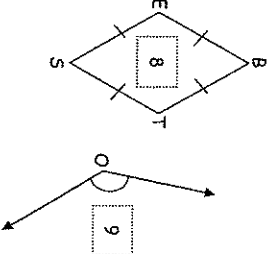
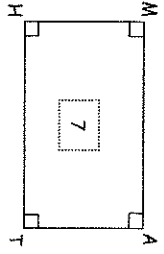
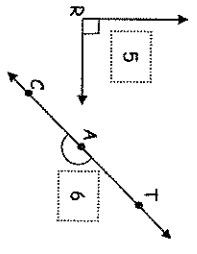
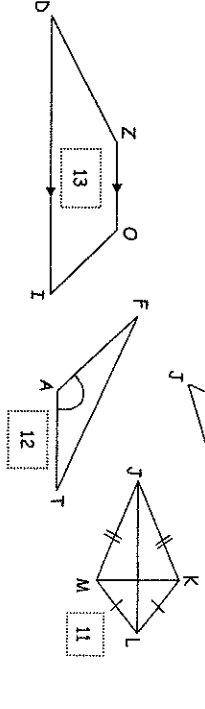


Polygon Vocabulary

Name _____

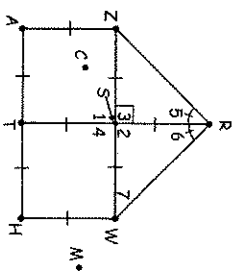


Vocabulary	
_____	a. acute angle
_____	b. obtuse angle
_____	c. straight angle
_____	d. right angle
_____	e. convex polygon
_____	f. concave polygon
_____	g. regular polygon
_____	h. parallelogram
_____	i. rhombus
_____	j. rectangle
_____	k. square
_____	l. kite
_____	m. trapezoid
_____	n. isosceles trapezoid
_____	o. acute triangle
_____	p. obtuse triangle
_____	q. equilateral triangle
_____	r. isosceles triangle
_____	s. scalene triangle
_____	t. right triangle
_____	u. _____



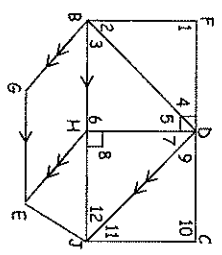
Determine if each statement is true or false.

1. $\angle 2$ is a right angle
2. $\angle ZSW$ is a straight angle
3. $\angle 1 \cong \angle 4$
4. $\overline{RS} \cong \overline{ST}$
5. $\overline{RS} \cong \overline{SW}$
6. $\overline{RS} \perp \overline{ZW}$
7. $\angle 5 \cong \angle 6$
8. $\overline{RS} \cong \overline{RW}$
9. $\triangle RSW$ is isosceles
10. $\triangle ZPW$ is equilateral
11. Quadrilateral $SWHT$ is a square
12. Polygon $AHWRZ$ is a concave hexagon
13. Point M is on the interior of $\angle WST$
14. Point C is on the exterior of $\angle 6$



15. Quadrilateral $ZATS$ is a rhombus
16. $\triangle RSZ$ is a right triangle
17. Point C is on the interior of quadrilateral $ZSTA$
18. Polygon $RTHW$ is a pentagon
19. $\angle 7$ is an acute angle
20. Quadrilateral $ZWHA$ is a parallelogram
21. Hexagon $RSWHAZ$ is concave

Use the diagram below for problems #22 - 32.



22. $\triangle DHT$ is a right \triangle
23. quad $DTEH$ is a trapezoid
24. quad $BHEG$ is a parallelogram
25. $\triangle DCJ$ is a right \triangle
26. polygon $BGEH$ is convex
27. $\triangle BHD$ is an isosceles \triangle
28. $\angle DHE$ is an obtuse \angle
29. \overline{BD} is a diagonal of quad $BHDF$
30. \overline{HE} is a diagonal of quad $BTEG$
31. quad $DTEH$ is a kite
32. polygon $FCJTEB$ is a convex hexagon