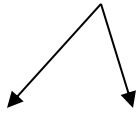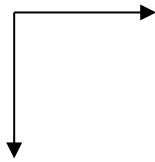**Name:** _____

Angles Worksheet

Classify the following angles as <u>acute</u>, <u>obtuse</u>, <u>right</u>, or <u>straight</u>.
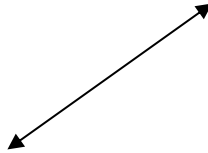
1.

2.

3.

4.
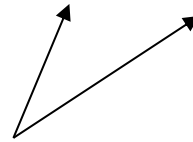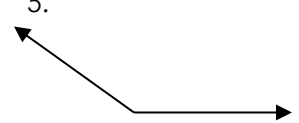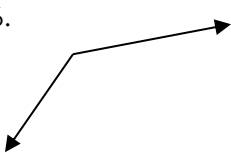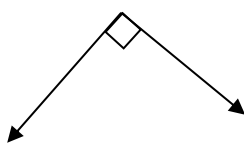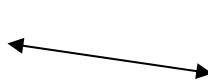
5.

6.

7.

8.

9.

10.

Use the diagram for #11-17.
Classify the pairs of angles as <u>adjacent</u> or <u>vertical</u>.

11.   1 and 2   _____

12.   1 and 3   _____
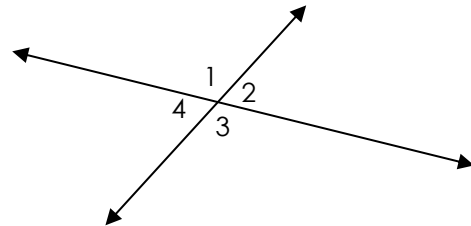
13.   4 and 2   _____

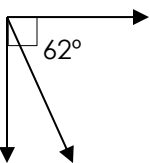14.   4 and 1   _____

15.   Are angles 1 and 2 congruent?   _____

16.   Are angles 1 and 3 congruent?   _____
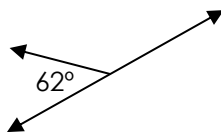
17.   Are angles 4 and 2 congruent?   _____

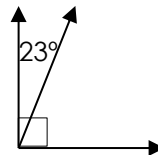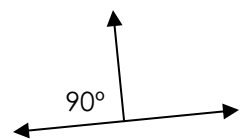**Classify the angles as either complementary or supplementary, then find the <u>missing angle measures</u>.**

18.

62º

19.

62º

20.

23º

21.

90º

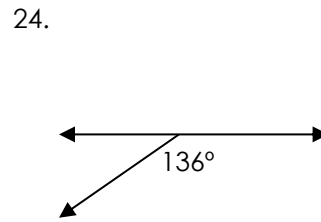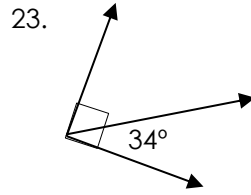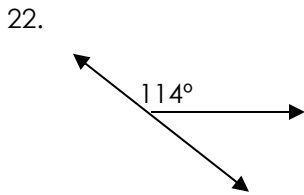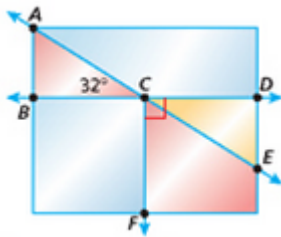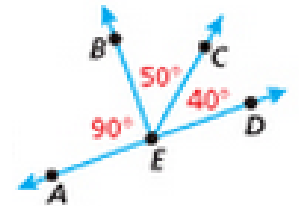22.

114°

23.

34°

24.

136°

25.

45°
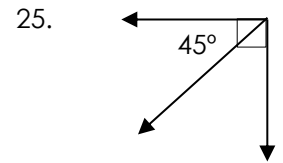
26. An artist is designing a section of a stained glass window. Based on the diagram, what should be the measure of angle ECF?

A
32° C
B
D
E
F

27. Use the diagram to name each figure.

B
50° C
90° 40°
E D
A

a. A right angle
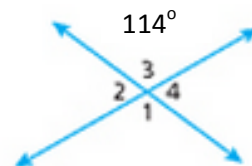
b. An acute angle

c. An obtuse angle

d. A pair of complementary angles

e. A pair of supplementary angles

f. A pair of adjacent angles

28. Use the diagram to find each angle measure.
a. Find the measure of angle 2.

114°
3
2 4
1

b. Find the measure of angle 1.