GEOMETRY 8: SUMMARY
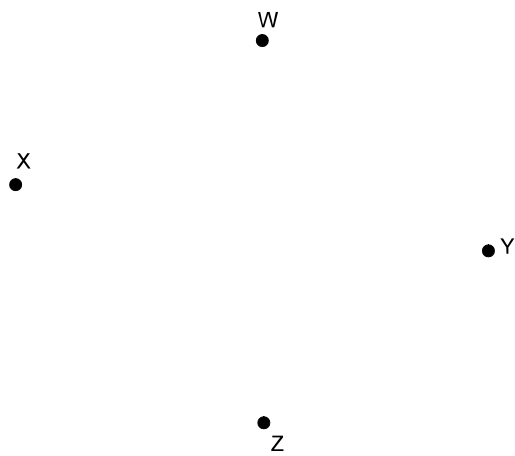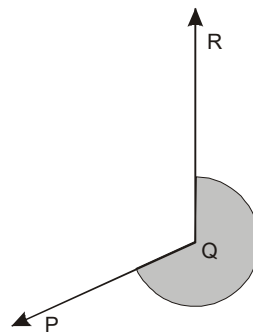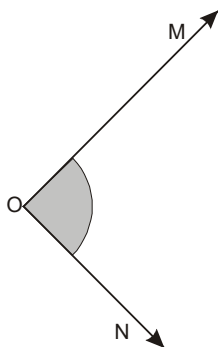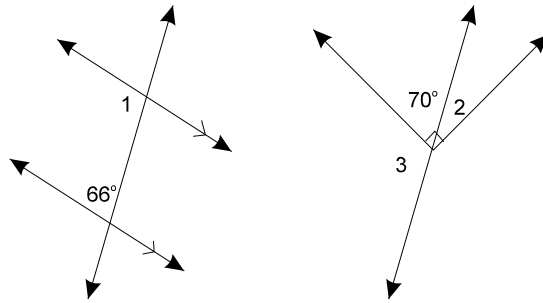
1. Using the points W, X Y and Z, draw the following:

   a. line XY

   b. ray YW

   c. line segment WZ

   d. a line that contains Z and is parallel to line XY

   W ●

   X ●

   ● Y

   ● Z

2. Use a protractor to measure angles MON and PQR.

3. Determine the measure of the indicated angle in each of the following. Do not use a protractor.
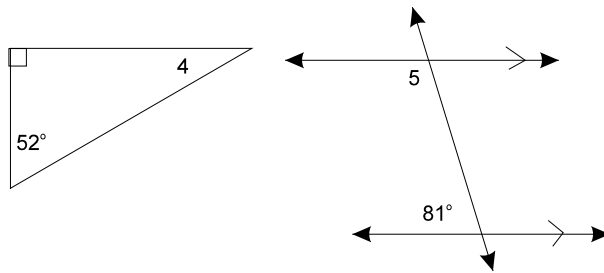
a. ∠1 _____

b. ∠2 _____

c. ∠3 _____

d. ∠4 _____

e. ∠5 _____
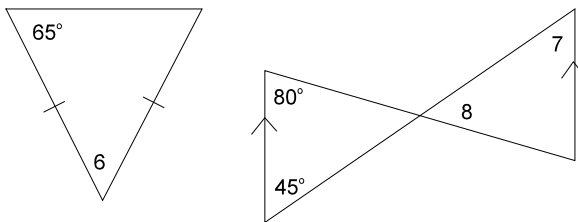
f. ∠6 _____

g. ∠7 _____

h. ∠8 _____

4. Name the type of angles indicated in the drawing.
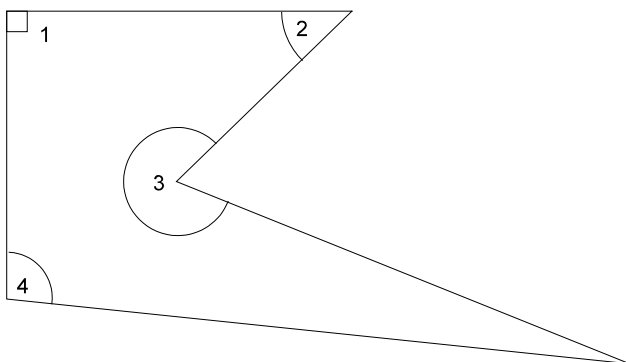
a. ∠1 _____

b. ∠2 _____

c. ∠3 _____

d. ∠4 _____

ANSWER KEY

1.
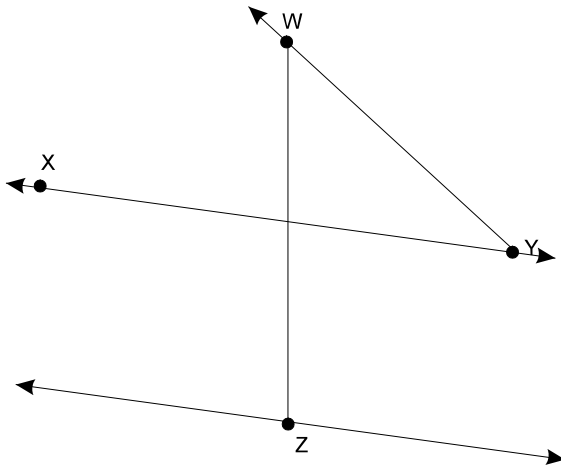
2. ∠MON = 90° ∠PQR = 245°

3. a. ∠1 = 114°

    b. ∠2 = 20°

    c. ∠3 = 110°

    d. ∠4 = 38°

    e. ∠5 = 99°

    f. ∠6 = 50°

    g. ∠7 = 45°

    h. ∠8 = 55°

4. a. ∠1 is right

    b. ∠2 is acute

    c. ∠3 is reflex

    d. ∠4 is obtuse

Source: Government of BC used with permission.