Name _____   Date _____

Topic : <u>Angles - Worksheet 1</u>

1. If two congruent angles form a supplementary, they are acute angles. (True or false)

2. Two supplementary angles measure $(5x+20)$ and (x) degrees. What is the value of x?

3. Two complementary angles measure $(2x+14)$ and $(x+20)$ degrees. What is the value of x?

4. Measure of two angles is 80° and 55°. Are these supplementary angles?

5. $<1 = 70°$ is supplement of $<2 = 110°$. (True or False)

6. Measure of two angles is 50° and 40°. Are these complimentary angles?

7. An obtuse angle is any angle that measures between 40° and 80°. (True or False)

8. An acute angle is any angle that measures between 30° and 90°. (True or False)

9. Two supplementary angles measure 6x and 60°. How many degrees are there in x?

10. What do you call an angle whose measure is 60°?

Name _____   Date _____

Topic : <u>Angles - Worksheet 2</u>

1. If two congruent angles form a supplementary, they are obtuse angles. (True or false)

2. Two supplementary angles measure (6x+24) and (x) degrees. What is the value of x?

3. Two complementary angles measure (5x+25) and (x+30) degrees. What is the value of x?

4. Measure of two angles is 80° and 100°. Are these supplementary angles?

5. <1 = 50° is supplement of <2 = 90°. (True or False)

6. Measure of two angles is 45° and 45°. Are these complimentary angles?

7. An obtuse angle is any angle that measures between 40° and 80°. (True or False)

8. An acute angle is any angle that measures between 50° and 80°. (True or False)

9. Two supplementary angles measure 8x and 70°. How many degrees are there in x?

10. What do you call an angle whose measure is 120°?

Name _____   Date _____

Topic : <u>Angles - Worksheet 3</u>

1. If two congruent angles form a supplementary, they are right angles.
(True or false)

2. Two supplementary angles measure $(7x+28)$ and (x) degrees. What is the value of x?

3. Two complementary angles measure $(9x+27)$ and $(x+50)$ degrees. What is the value of x?

4. Measure of two angles is 60° and 90°. Are these supplementary angles?

5. $<1 = 90°$ is supplement of $<2 = 90°$. (True or False)

6. Measure of two angles is 60° and 70°. Are these complimentary angles?

7. An obtuse angle is any angle that measures between 60° and 30°. (True or False)

8. An acute angle is any angle that measures between 30° and 90°.
(True or False)

9. Two supplementary angles measure 9x and 90°. How many degrees are there in x?

10. What do you call an angle whose measure is 80°?

Name _____   Date _____

Topic : <u>Angles - Worksheet 4</u>

1. If two congruent angles form a supplementary, they are corresponding angles.
(True or false)

2. Two supplementary angles measure (8x+64) and (x) degrees. What is the value of x?

3. Two complementary angles measure (6x+15) and (x+12) degrees. What is the value of x?

4. Measure of two angles is 60° and 85°. Are these supplementary angles?

5. <1 = 65° is supplement of <2 = 115°. (True or False)

6. Measure of two angles is 80° and 20°. Are these complimentary angles?

7. An obtuse angle is any angle that measures between 90° and 130°. (True or False)

8. An acute angle is any angle that measures between 25° and 88°.
(True or False)

9. Two supplementary angles measure 20x and 60°. How many degrees are there in x?

10. What do you call an angle whose measure is 130°?

Name _____   Date _____

Topic : <u>Angles - Worksheet 5</u>

1. If two congruent angles form a supplementary, they are vertical angles. (True or false)

2. Two supplementary angles measure (9x+70) and (x) degrees. What is the value of x?

3. Two complementary angles measure (2x+18) and (x+10) degrees. What is the value of x?

4. Measure of two angles is 60° and 120°. Are these supplementary angles?

5. < 1 = 80° is supplement of < 2 = 120°. (True or False)

6. Measure of two angles is 35° and 55°. Are these complimentary angles?

7. An obtuse angle is any angle that measures between 45° and 85°. (True or False)

8. An acute angle is any angle that measures between 30° and 90°. (True or False)

9. Two supplementary angles measure 12x and 40°. How many degrees are there in x?

10. What do you call an angle whose measure is 90°?