**FINAL EXAM REVIEW #1**

DO NOW:

1. Parallel and perpendicular lines
2. Both of the green lines are parallel
3. The purple line is perpendicular to both green lines
4. Neither perpendicular parallel
5. Angles and transversals
6. Midpoint
7. Distance Formula
9. Properties

Reflexive:

Transitive:

Symmetric:

Distributive:

**FINAL EXAM REVIEW #3**

1. DO NOW:
2. Equilateral, isosceles, scalene
3. Acute, right, obtuse

**FINAL EXAM REVIEW #4**

1. There was a missing mark, both triangles were isosceles

and



**FINAL EXAM REVIEW #5**

Alternate interior angles: congruent

1. congruent
2. supplementary, add to 180

4) congruent

5) supplementary, add to 180

6) 1 and 2, 1 and 5, 5 and 6, 6 and 2 3 and 7, 7 and 8, 8 and 4, 4 and 3

7) many possible answers. But here is the rule of thumb:

* You need a pair of angles on opposite sides of the transversal and at each parallel line AND
* You need a pair of angles on the same side of the transversal and at each parallel line

8)

9) a) same side interior or consecutive interior

b)

c)

10) a) alternate exterior

b)

c)

11) a)

b) Translation: right 4 units, down 3 units

12)

b) Dilation: enlargement by 2 units

13)

14) Transformation: Reflection over the y-axis—this means reflection over x=0

15) a)

b)

c)

d)

e)

16) a)

b)

c)

d)

17)

18)

19) y

20)

21)

We are going to do the proofs together on the board.

**FINAL EXAM REVIEW #6**

1)

2)

3) a)

b)

c)

4)

**CIRCLES**

**FINAL EXAM REVIEW #7**

1)

2)

3)

4)

5) Don’t worry about this one

6)

7) Don’t worry about this one

8) Don t worry about this one

9)

10)

11)

12)

13)

14) Don’t worry about this one

15)

16)