1. Graph and label the triangle with vertices A(3,2), B(-10,4), C(-5,-8). Determine if it is scalene, isosceles, or equilateral. Then tell whether it is a right triangle. SHOW ALL WORK.

1.Given: $ABCG$ **and** $CDEF$ **are** ▱s

   Prove: $\angle A \cong \angle E$

Statements	Reasons
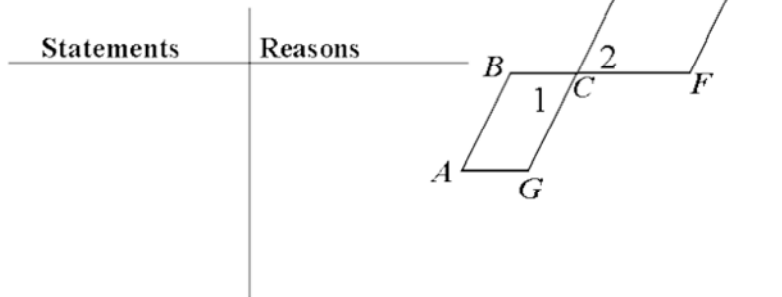
2. Graph and label the quadrilateral with vertices:
   H(-2,-3), I(4,0), J(3,2), K(-3,-1).
   Then determine the most precise name for the quadrilateral.

Week 3 Block Day

Solve for x to the nearest tenth.

1. $\dfrac{x}{5} = \dfrac{7}{15}$

2. $\dfrac{x}{5} = \dfrac{7}{x}$
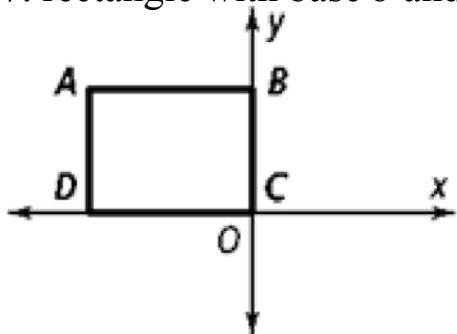
3. $\dfrac{3x+3}{15} = \dfrac{x}{4}$

4. $x^2 + 4x - 9 = 0$

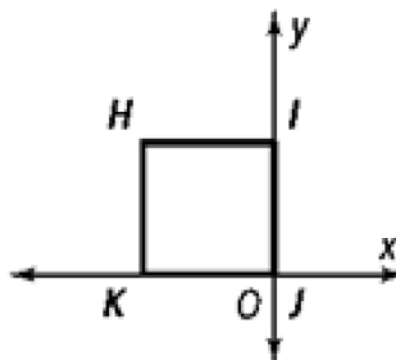5. **Find the area of a square with a diagonal of 30 cm.**

6. Matt invested \$500. He made 4% on his investment. How much money does he have now?

What are the coordinates of the vertices of each figure?

7. rectangle with base b and height h

8. square with base of b

Week 3 Friday

Do page 7.03 for your warmup today!