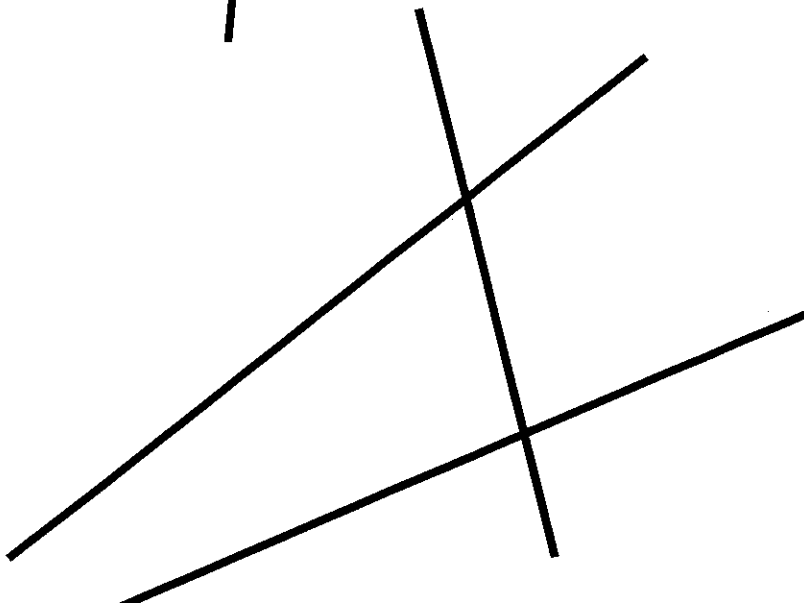
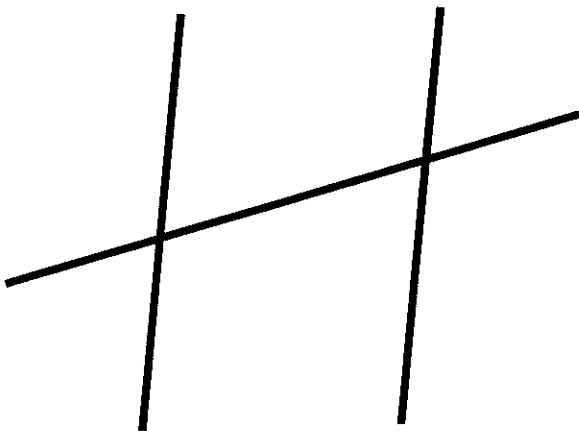
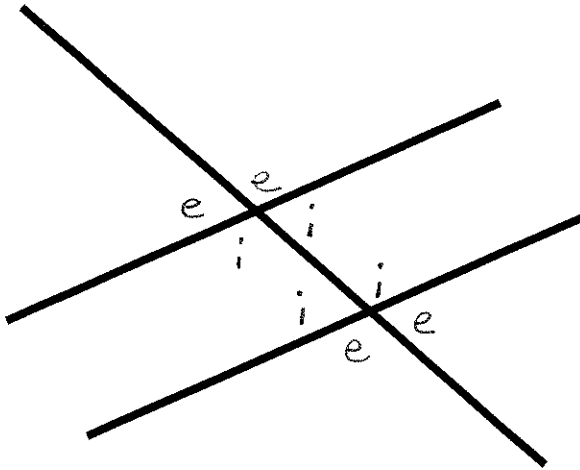


Transversal vocab worksheet

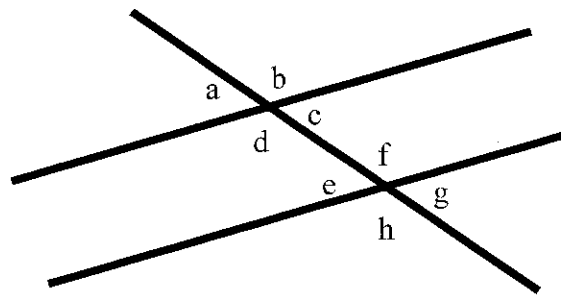
Name: _____

Label all the interior angles as "i" and all the exterior angles as "e" in each transversal below

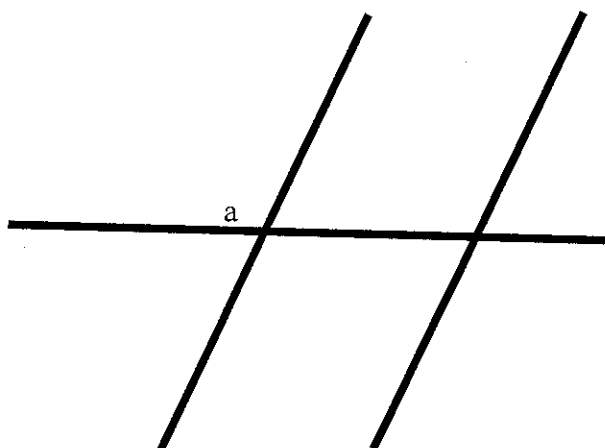
ex)



What type of angle relation are each of the following pairs?



1. a & e are Corresponding
2. a & c are vertically opposite
3. a & h are exterior angles on the same side of the transversal
4. a & g are _____
5. c & f are _____
6. d & e are _____
7. d & f are _____
8. b & g are _____
9. h & b are _____
10. f & h are _____



9. Label the remaining angles in the above diagram as follows

b is corresponding angle of **a**

c is angle vertically opposite **b**

d is the exterior angle on the same side of the transversal as **c**

e is the alternate exterior angle with **d**

f is the corresponding angle with **e**

g is the alternate interior angle with **f**

h is the interior angle on the same side of the transversal as **g**

10. Angle "a" is 110° what are the rest of the angles?

a 110°

b _____

c _____

d _____

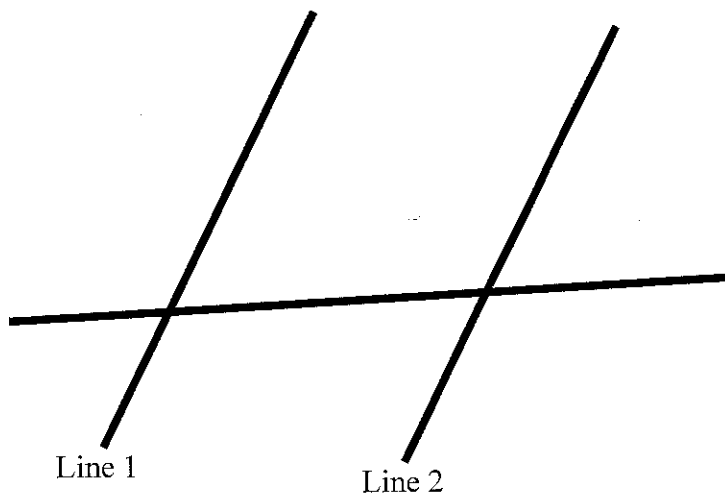
e 70°

f _____

g _____

h _____

If two lines are parallel any transversal of both lines will have congruent corresponding angles.



11. If lines 1 and 2 are parallel (fill in the blanks with the either the word **congruent** or **supplementary**)

Corresponding angles will be congruent

Interior angles on the same side of the transversal _____

Alternate interior angles will be _____

Exterior angles on the same side of the transversal _____

Alternate exterior angles will be _____