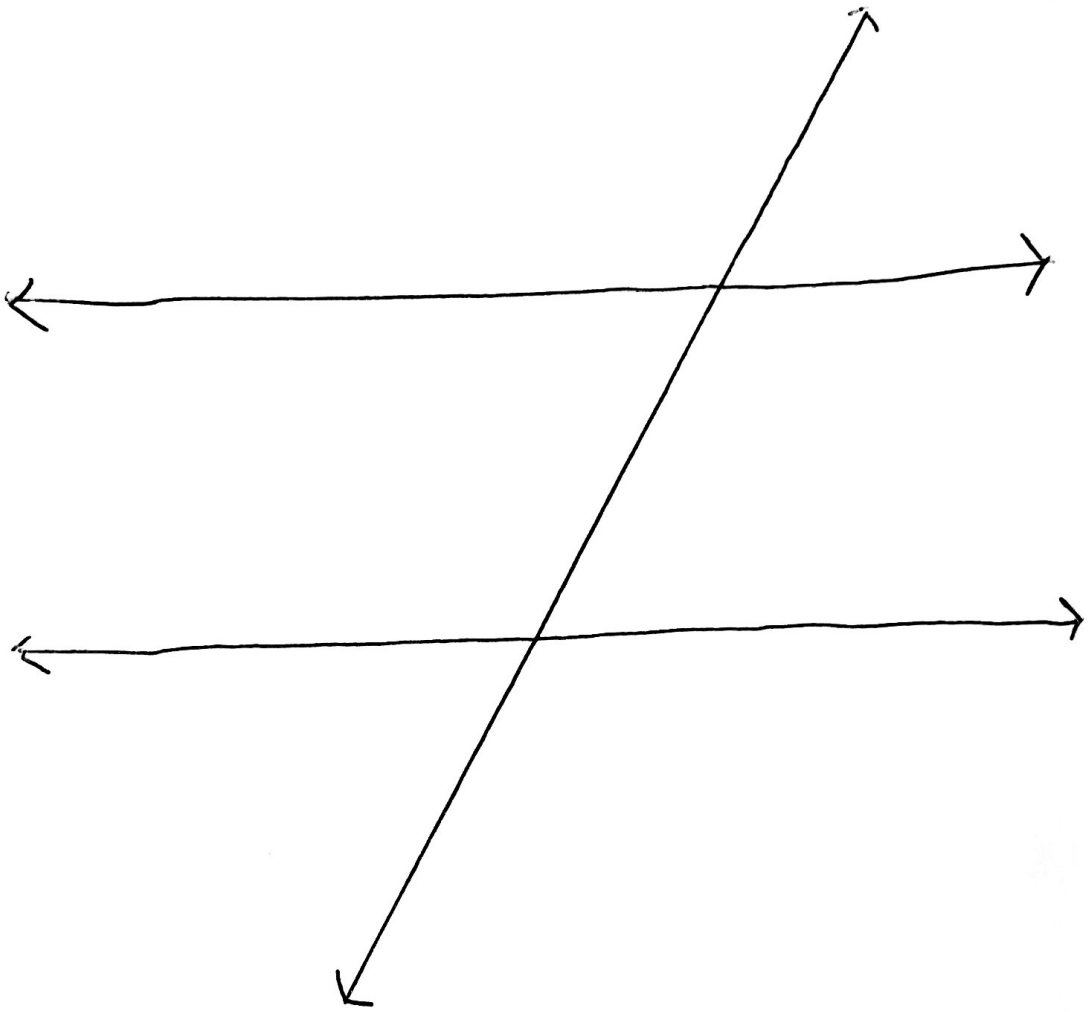


Transversals

5-1-17

Line *m* is parallel to line *n*. Tell if the angles are *corresponding*, *alternate interior*, *alternate exterior*, *consecutive interior*, or *none of these*.

∠1 and ∠5 _____

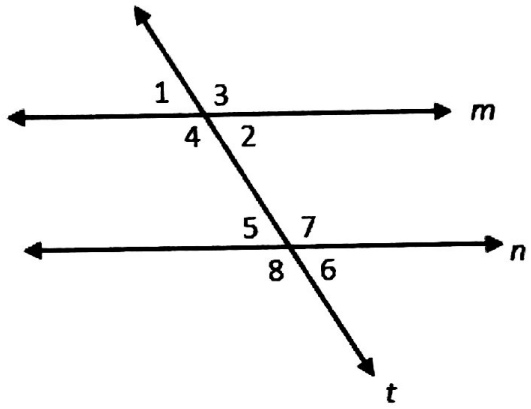
∠2 and ∠7 _____

∠3 and ∠5 _____

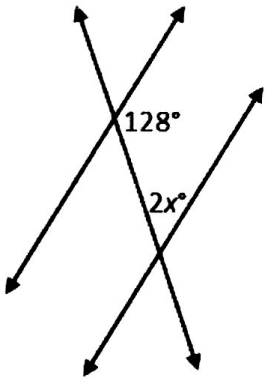
∠3 and ∠8 _____

∠4 and ∠7 _____

∠4 and ∠8 _____

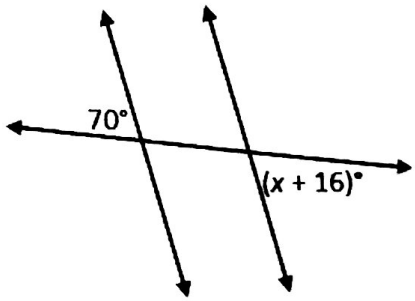


1. x = _____



Work

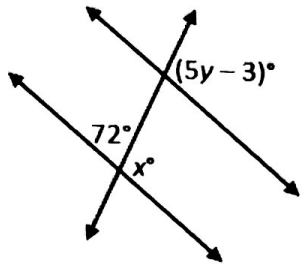
2. x = _____



Work

4. $x =$ _____

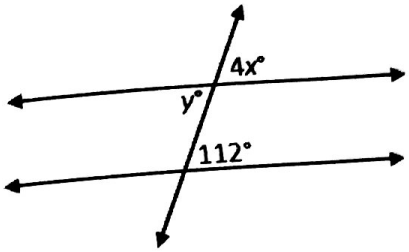
$y =$ _____



Work

3. $x =$ _____

$y =$ _____



Work

Line *a* is parallel to line *b*. Tell if each statement is true (T) or false (F).

∠1 and ∠10 are alternate exterior angles. _____

∠8 and ∠11 are alternate interior angles. _____

∠2 and ∠10 are corresponding angles. _____

∠2 and ∠7 are alternate interior angles. _____

∠7 and ∠15 are corresponding angles. _____

∠5 and ∠10 are alternate interior angles. _____

∠7 and ∠11 are consecutive interior angles. _____

∠10 and ∠14 are consecutive interior angles. _____

∠1 and ∠3 are corresponding angles. _____

∠4 and ∠15 are alternate exterior angles. _____