Agenda
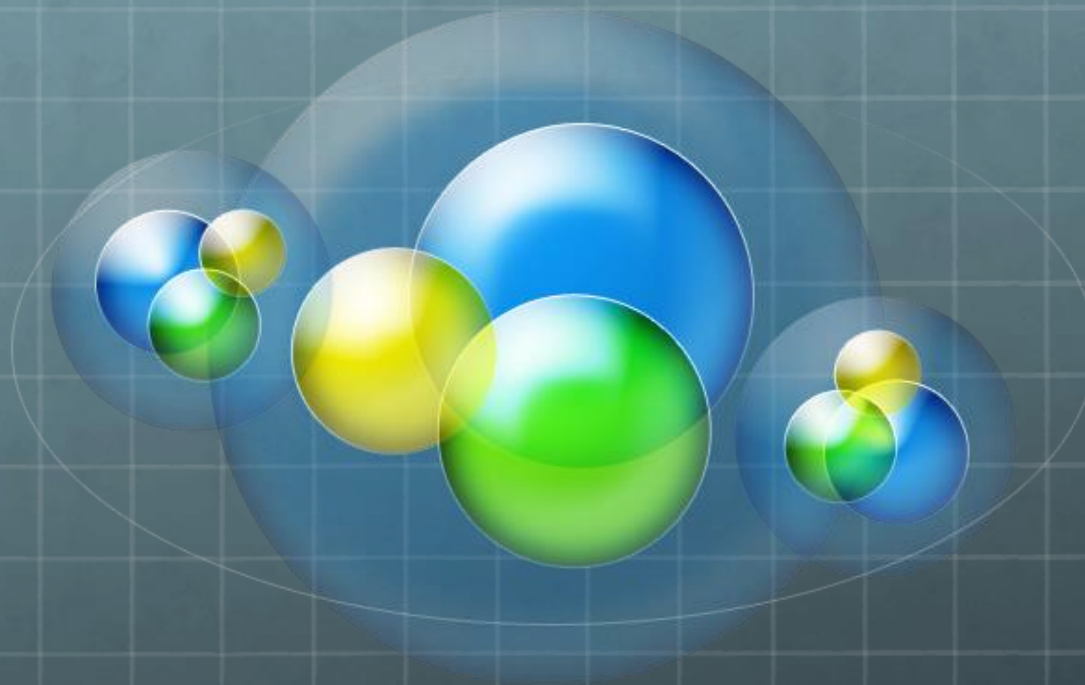
1) Introduction Activity
2) Correct Homework
3) Whiteboard Review
4) Review Homework

Geometry

Unit 1 Test Review

Vocabulary Review!

1) Draw and name a segment with letters R & S

2) Draw and name a ray with letters Z & W

3) Draw and name a line with letters M & B

4) The intersection of two planes is a _____

5) The three undefined terms in geometry are

6) Angle ARD has vertex at which point?

7) True or false: You can name a line with three letters

8) Two angles that form a line are _____

Vocabulary Review!

12. Which of the following does NOT extend forever in at least one direction?
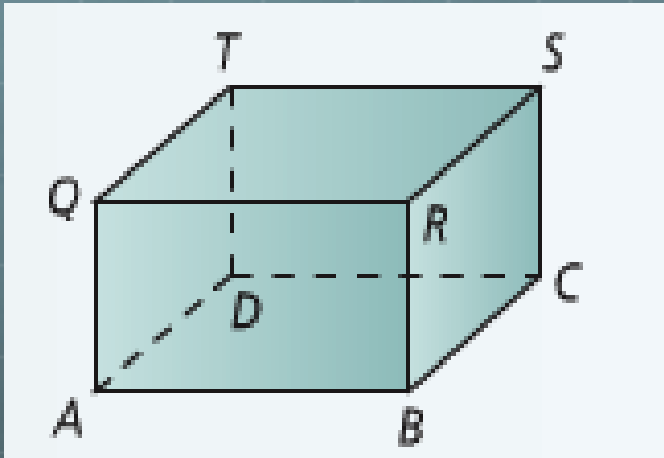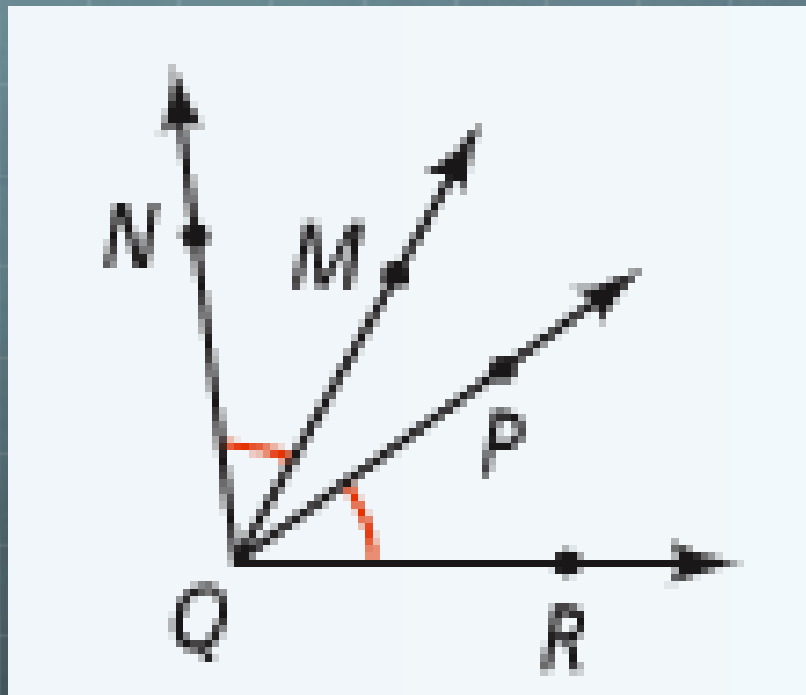
    F line   H ray

    G plane   I segment

Review

1) Name two intersecting lines.
2) What is the intersection of Plane SCBR and Plane TSCD?
3) Name two lines that will never intersect.
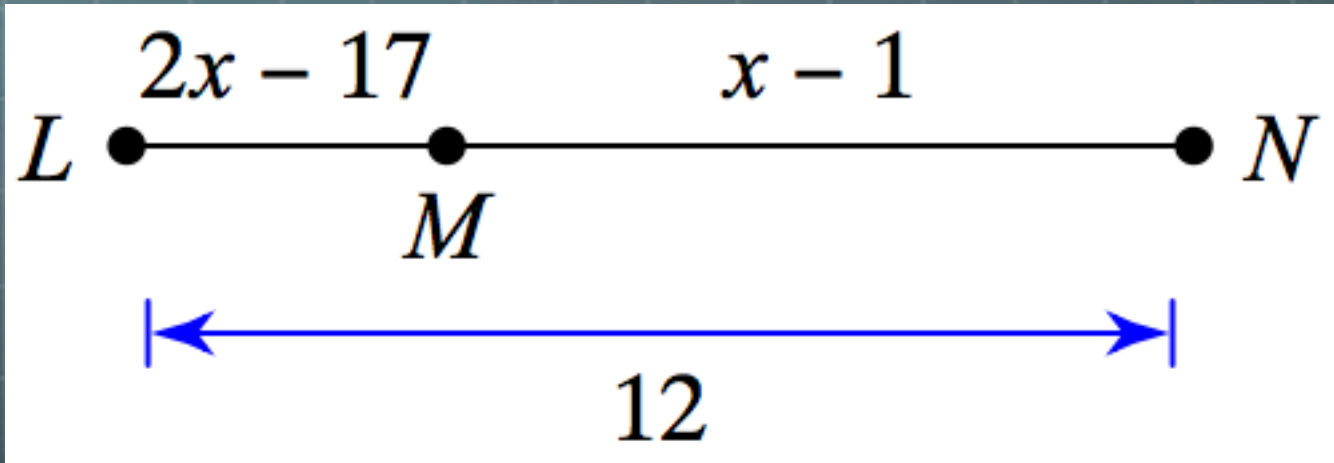4) Where does line ST and line TQ intersect?

Review

Which angles are congruent?
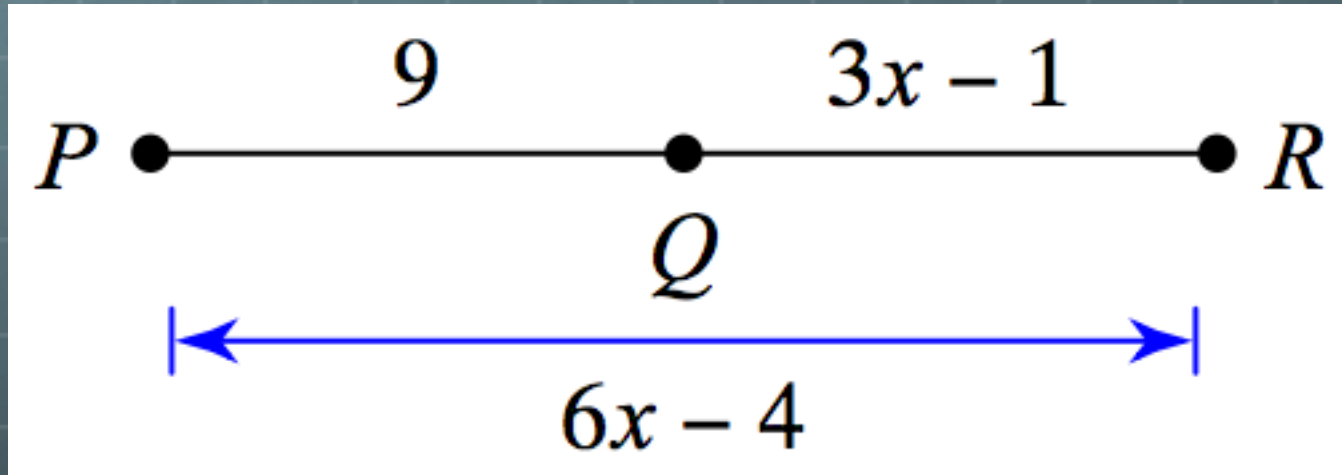
Segment Addition

Solve for x

Segment Addition

Find QR

$$9$$

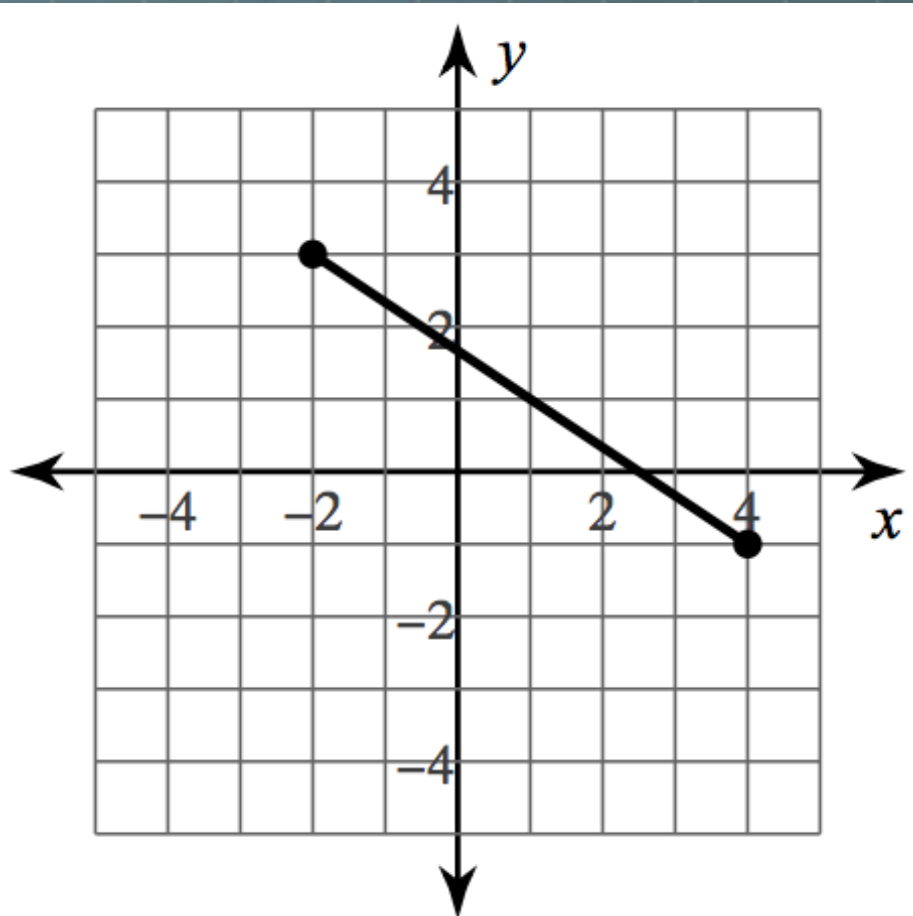$$3x - 1$$

$$P \quad Q \quad R$$

$$6x - 4$$

Segment Addition

Points A, B, and C are collinear with point B between points A & C.

$AC = 2x + 17, BC = x + 11,$ and $AB = 6.$
Find $BC.$

Distance

Find the distance between the two points. Round your answer to the nearest tenth.
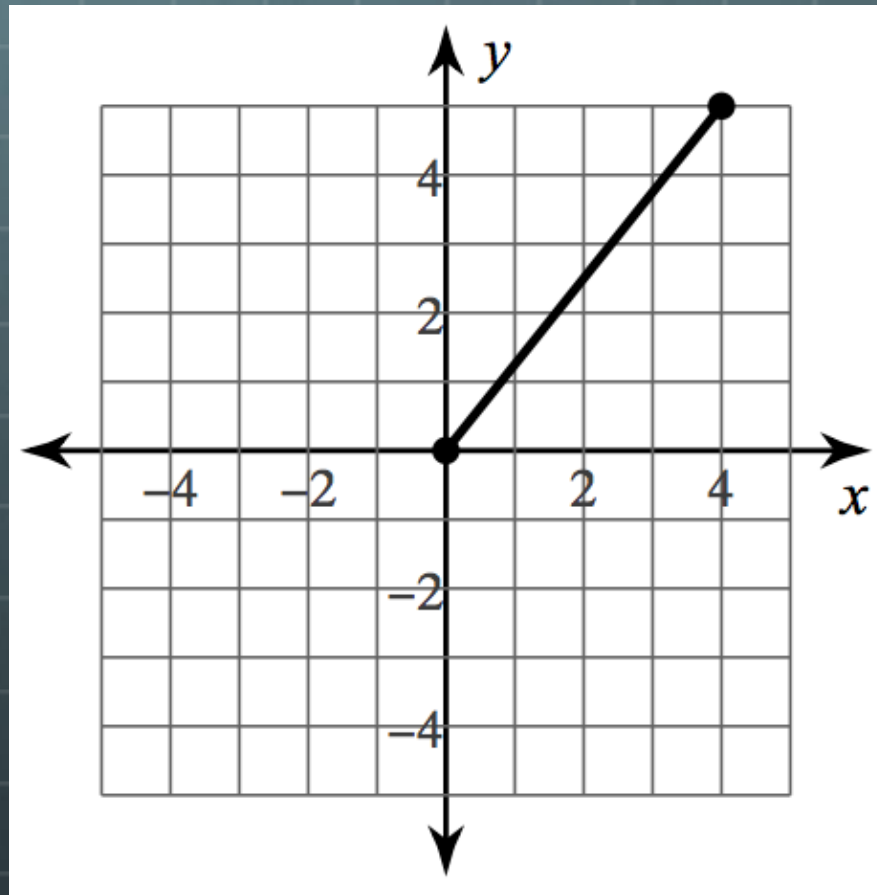
Distance

Find the distance between the two points. Round your answer to the nearest tenth.
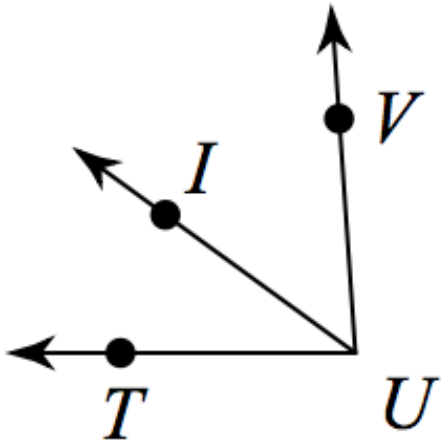
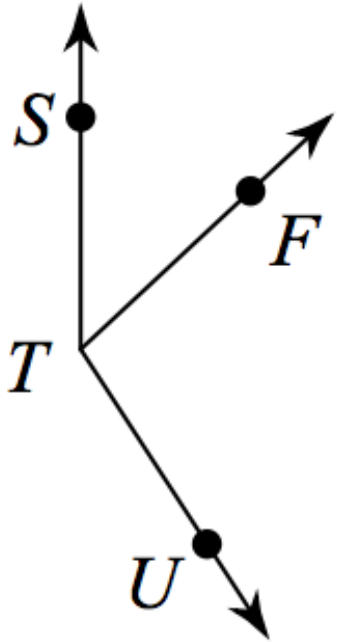$$(-1, -7), \ (6, -7)$$

Midpoint

Find the midpoint of the two points.

Angle Addition

Find x if $m\angle TUV = 44x - 2$,
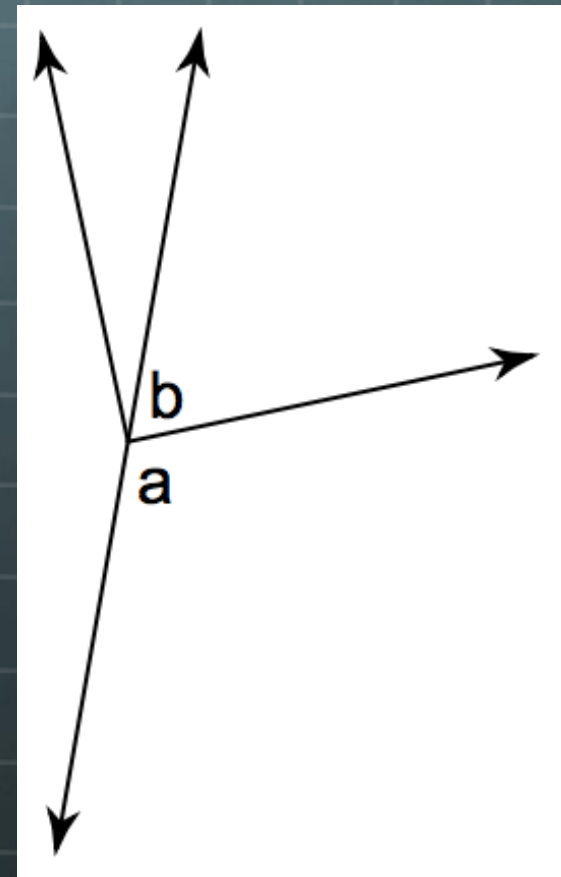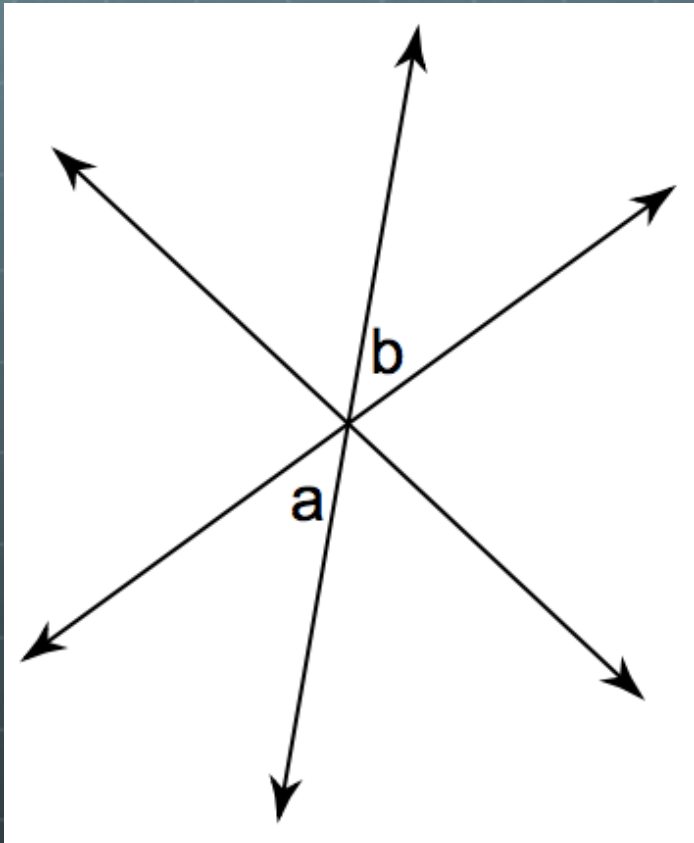$m\angle IUV = 26x - 2$, and $m\angle TUI = 36°$.

Angle Addition

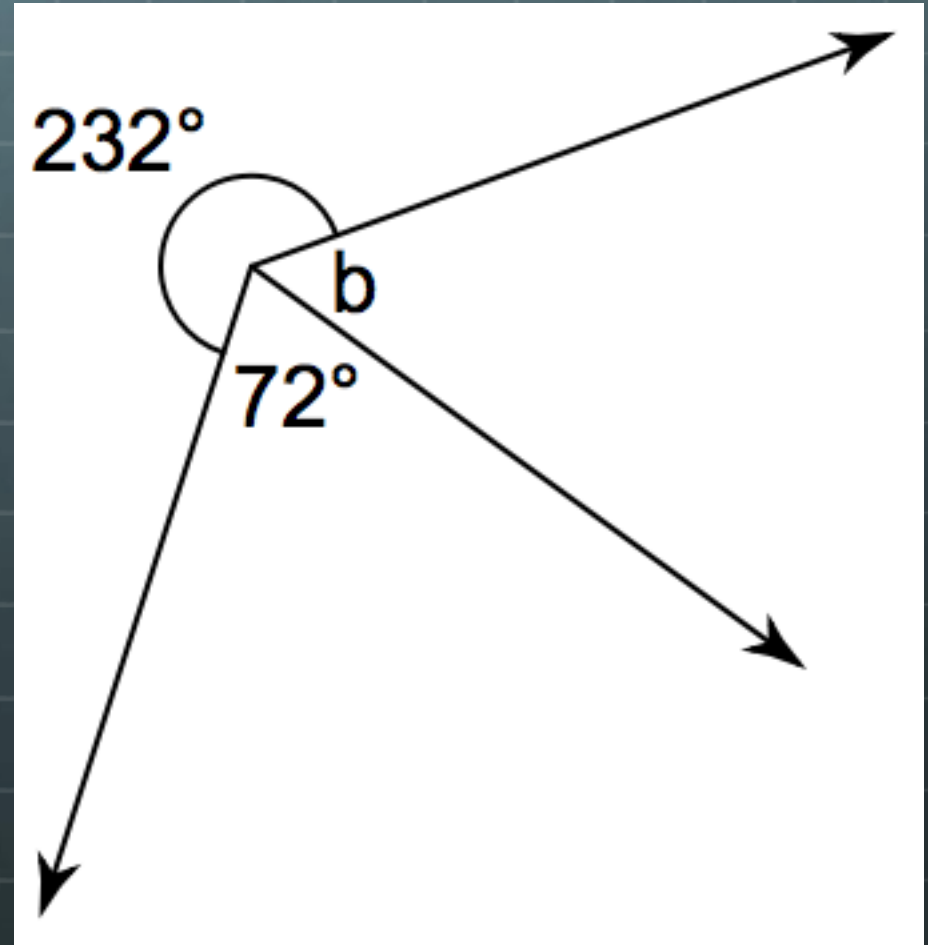Find $m\angle FTU$ if $m\angle FTU = 10 + 15x$, $m\angle STF = 6x + 11$, and $m\angle STU = 147°$.
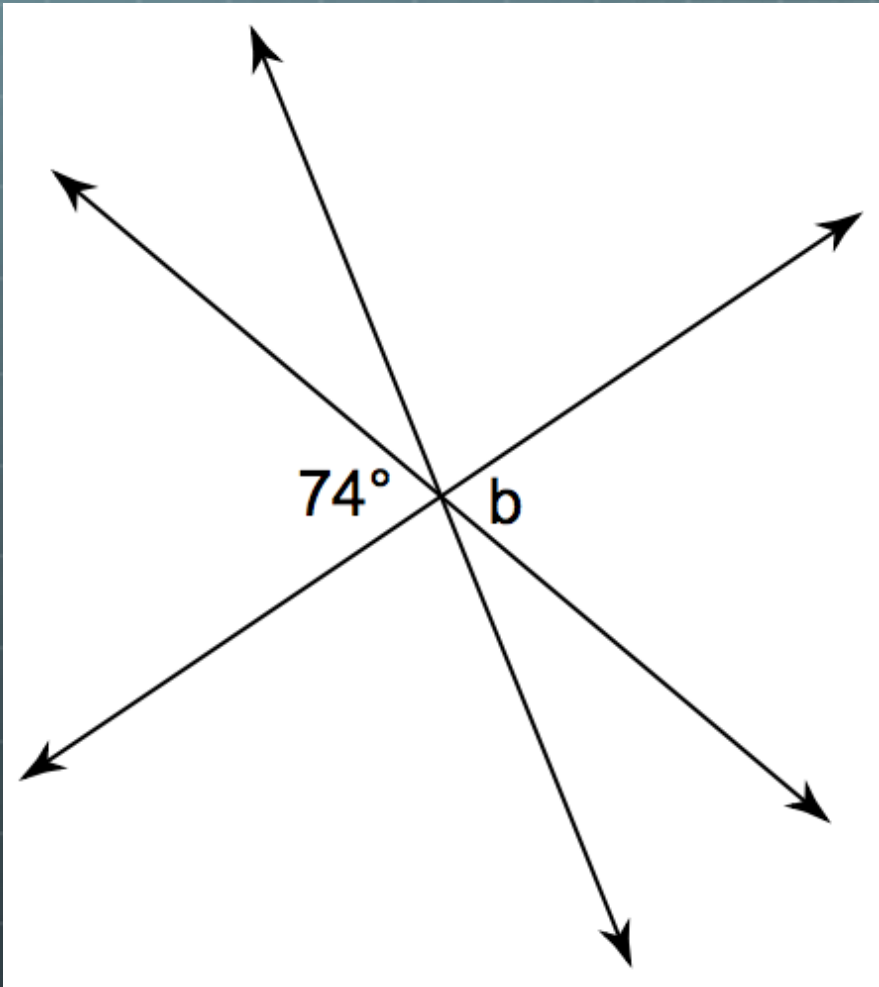
Angles

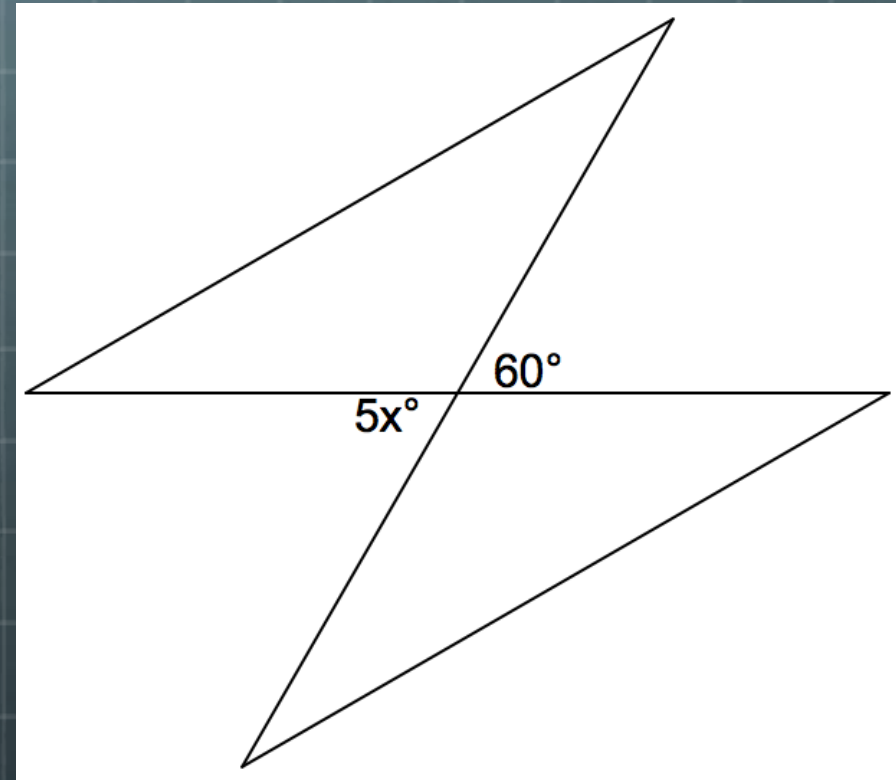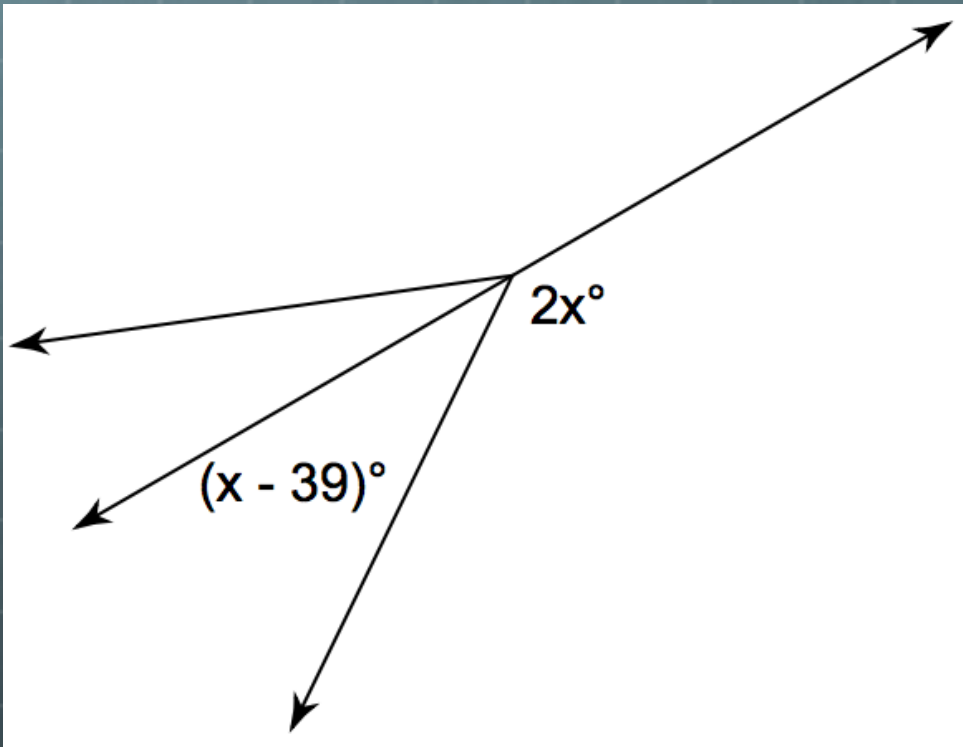Name the relationship: vertical, adjacent, linear pair, complementary

Angles

Solve for b

Angles

Solve for x

Angles

Solve for x

(4x + 8)°

(5x + 1)°

(x - 36)°

111°   (3x + 1)°
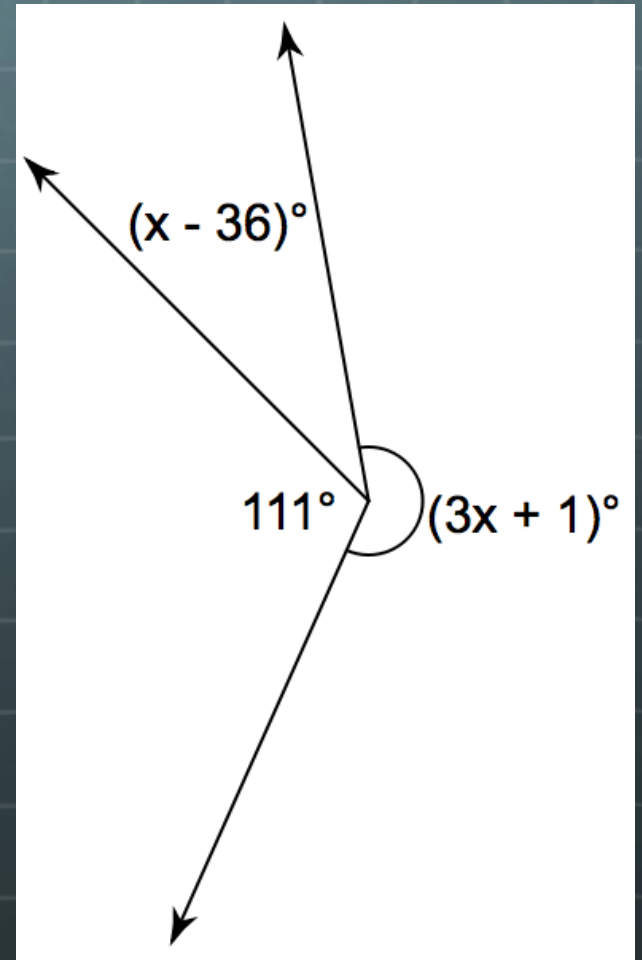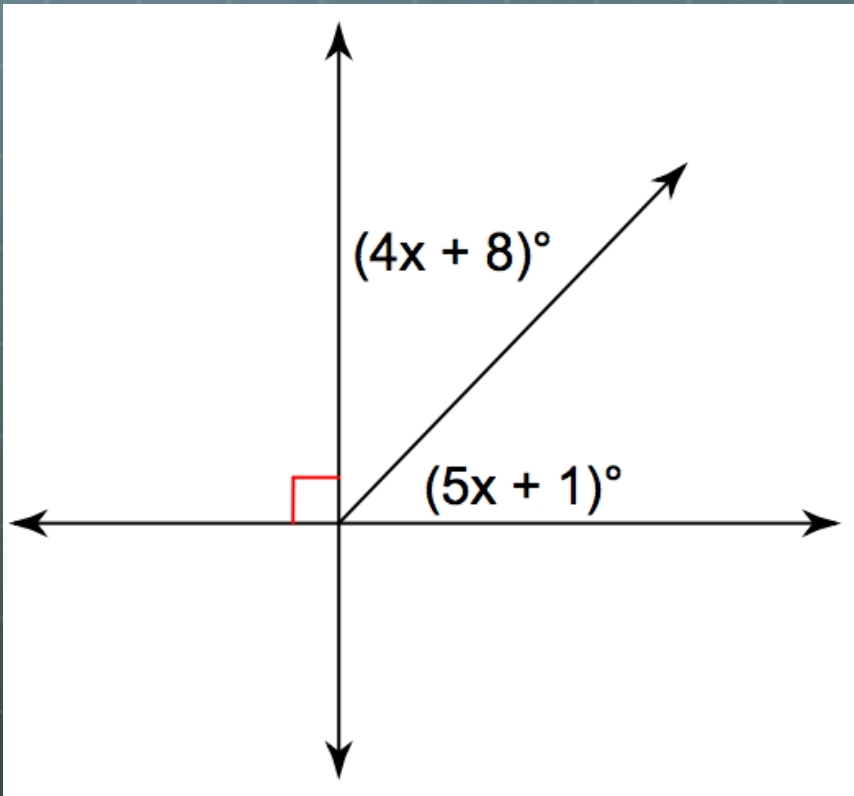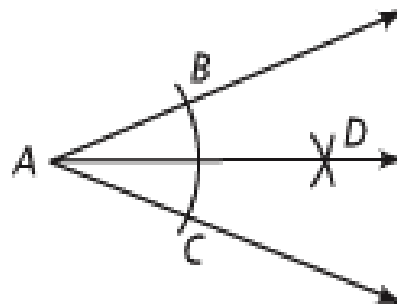
Construction Review

Which construction requires drawing only one arc with a compass?

A)Constructing congruent segments
B)Constructing congruent angles
C)Constructing the perpendicular bisector
D)Constructing the angle bisector

Construction Review

8. Given: $\angle A$

What is the second step in constructing the
angle bisector of $\angle A$?

(F) Draw $\overrightarrow{AD}$.

(G) From points B and C, draw equal arcs that
intersect at D.

(H) Draw a line segment connecting points B and C.

(I) From point A, draw an arc that intersects the sides
of the angle at points B and C.