



Homework: A.1, A.2 and A.3

✓ Question 1

1/1 pt 4 99

Choose the correct words to fill in the blanks below.

line segment midpoint complementary congruent
vertical supplementary vertex endpoint ray

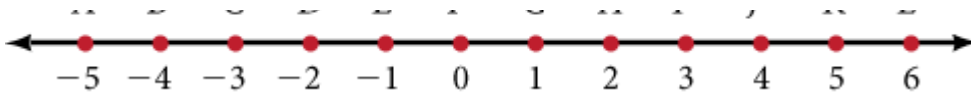
- A is a that extends indefinitely in one direction, and starts with a point or .
- The of a line segment is the point that divides the segment into two segments of equal length.
- The common end point of two rays that form an angle is called the .
- Two angles that add to 90° are called angles, whereas, two angles that add to 180° are called angles.
- When two angles are , then they are and have equal measure.

● Question 2

0/1 pt 5 99

Use the numberline below to answer the following questions.

A B C D E F G H I I K L



a. What is the distance from B to L ?

b. What is the distance from K to C ?

c. Find \overline{DK} .

d. Find \overline{AC} .

e. What is the midpoint of \overline{CK} ?

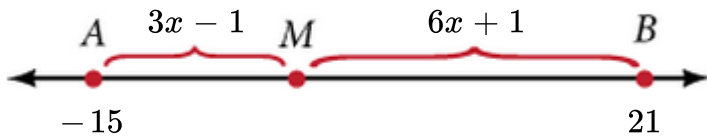
1

f. What is the midpoint of \overline{AH} ?

● Question 3

0/1 pt 5 99

The figure shows M between A and B .



a. Find x : _____ b. Find \overline{AM} : _____

c. Find \overline{MB} : _____ d. Find \overline{AB} : _____

e. What is the coordinate of M ? _____

● Question 4

0/1 pt 5 99

The figure shows M between A and B .



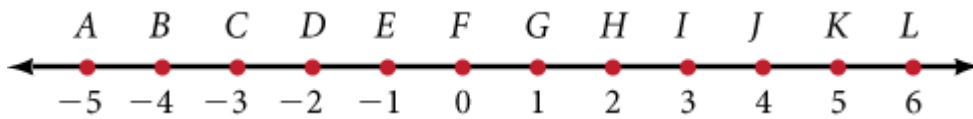


- a. Find x : _____
- b. Find \overline{AM} : _____
- c. Find \overline{MB} : _____
- d. Find \overline{AB} : _____
- e. What is the coordinate of M ? _____

● Question 5

0/1 pt 5 99

Use the numberline below to answer the following question.

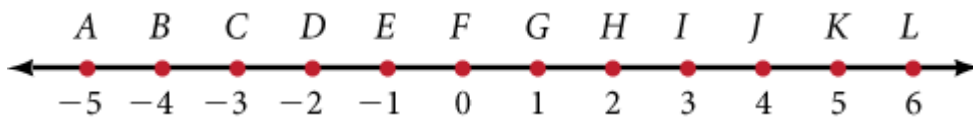


Is $\overline{CG} + \overline{GH} = \overline{CH}$?

● Question 6

0/1 pt 5 99

Use the numberline below to answer the following question.

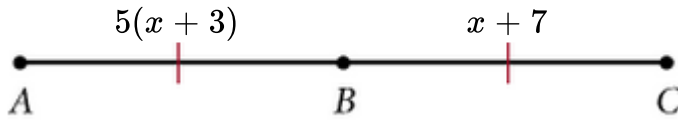


Is $\overline{IA} + \overline{AL} = \overline{IL}$?

● Question 7

0/1 pt 5 99

B is the midpoint of the line \overline{AC} .

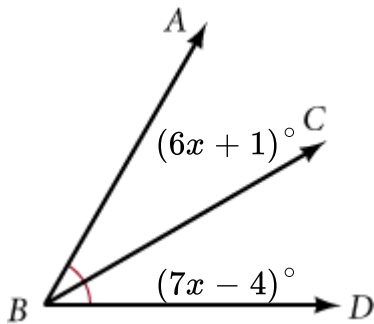


- a. $x =$ _____ b. $\overline{AB} =$ _____
 c. $\overline{BC} =$ _____ d. $\overline{AC} =$ _____

● Question 8

0/1 pt 5 99

\overline{BC} bisects $\angle ABD$.



Note: Figure not necessarily drawn to scale.

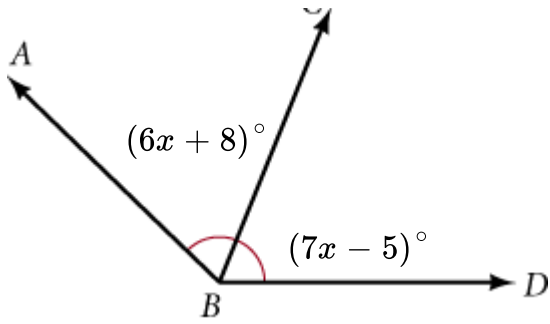
- a. $x =$ _____
 b. $\angle ABC =$ _____ degrees
 c. $\angle CBD =$ _____ degrees
 d. $\angle ABD =$ _____ degrees

● Question 9

0/1 pt 5 99

\overline{BC} bisects $\angle ABD$.

C.



Note: Figure not necessarily drawn to scale.

a. $x =$ _____

b. $\angle ABC =$ _____ degrees

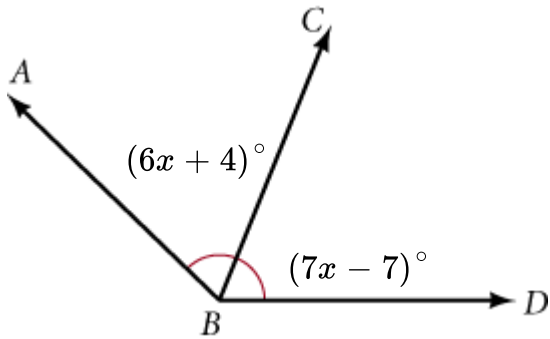
c. $\angle CBD =$ _____ degrees

d. $\angle ABD =$ _____ degrees

● Question 10

0/1 pt 5 99

\overline{BC} bisects $\angle ABD$.



Note: Figure not necessarily drawn to scale.

a. $x =$ _____

b. $\angle ABC =$ _____ degrees

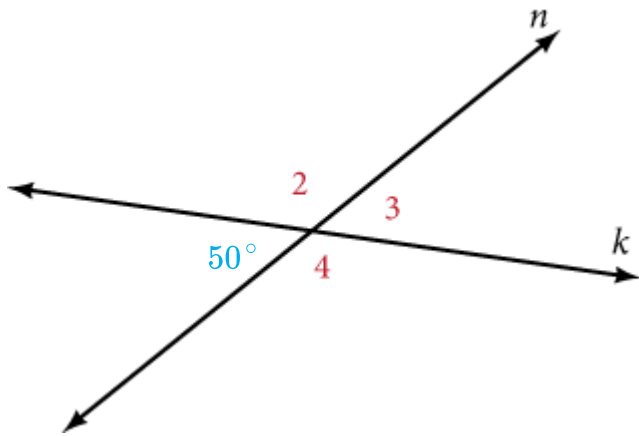
c. $\angle CBD =$ _____ degrees

d. $\angle ABD =$ _____ degrees

● Question 11

0/1 pt 5 99

Solve for the angles below.



Note: Figure not drawn to scale.

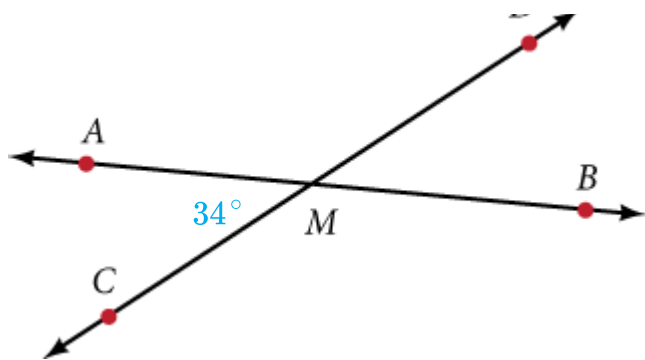
- a. Find $m\angle 2$. _____ degrees
- b. Find $m\angle 3$. _____ degrees
- c. Find $m\angle 4$. _____ degrees

● Question 12

0/1 pt 5 99

Solve for the angles below.

D



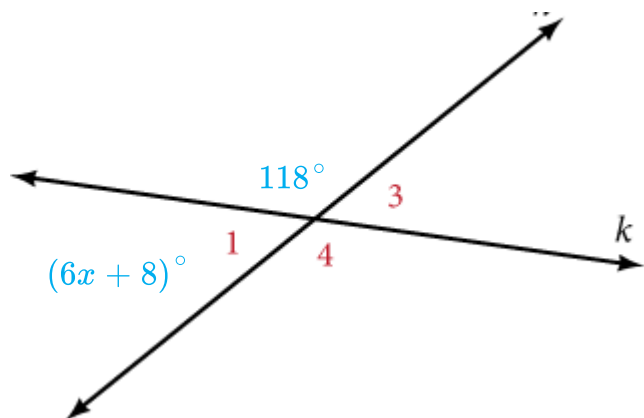
Note: Figure not drawn to scale.

- a. Find $m\angle AMD$. _____ degrees
- b. Find $m\angle DMB$. _____ degrees
- c. Find $m\angle CMB$. _____ degrees

● Question 13

0/1 pt 5 99

Solve for the angles below.



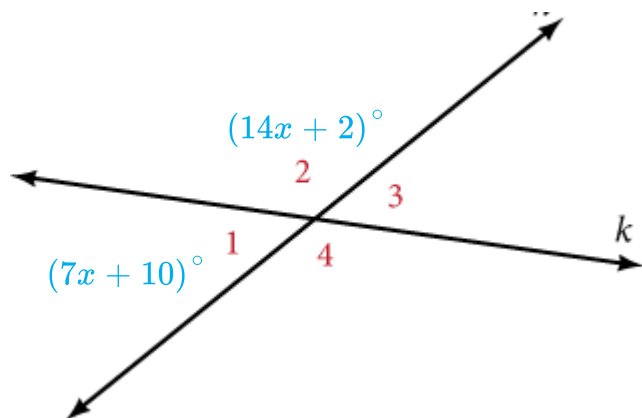
Note: Figure not drawn to scale.

- Find x . _____
- Find $m\angle 1$. _____ degrees
- Find $m\angle 3$. _____ degrees
- Find $m\angle 4$. _____ degrees

● Question 14

0/1 pt 5 99

Solve for the angles below.



Note: Figure not drawn to scale.

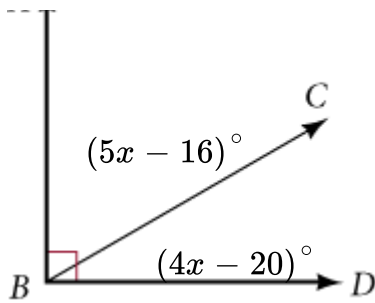
- Find x . _____
- Find $m\angle 1$. _____ degrees
- Find $m\angle 2$. _____ degrees
- Find $m\angle 3$. _____ degrees
- Find $m\angle 4$. _____ degrees

● Question 15

0/1 pt 5 99

Use the information provided in the figure to answer the questions below.





Note: Figure not necessarily drawn to scale.

a. $x =$ _____

b. $m\angle ABC =$ _____ $^\circ$

c. $m\angle CBD =$ _____ $^\circ$

✓ Question 16

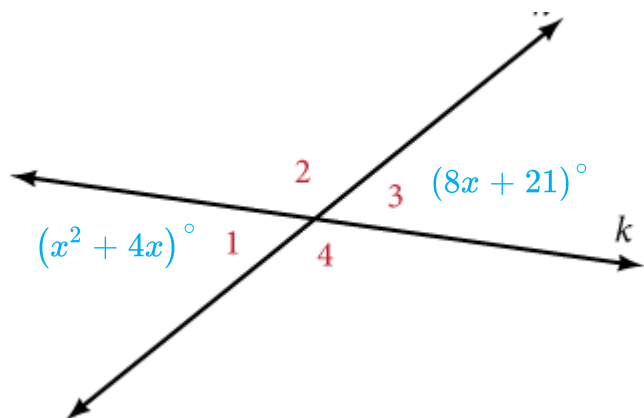
☑ 1/1 pt ↻ 4 ⇄ 99

Two angles are complementary angles. If one of the angles is 27° , then solving the equation $x + 27^\circ = 90^\circ$ will give you the other angle. Solve the equation.

● Question 17

☑ 0/1 pt ↻ 5 ⇄ 99

Solve for the angles below.



Note: Figure not drawn to scale.

- Find x . _____
- Find $m\angle 1$. _____ degrees
- Find $m\angle 2$. _____ degrees
- Find $m\angle 3$. _____ degrees
- Find $m\angle 4$. _____ degrees