

Geometry Chapter 1 Review

Find a pattern for the following sequences.

1.) 6, 10, 14, 18, 22...

2.) 5, 8, 12, 17, 23...

3.) 60, 40, 30, 25, 22.5...

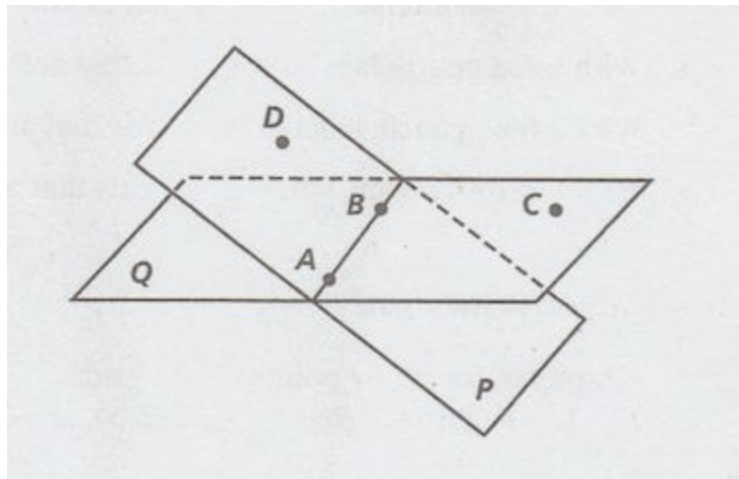
4.) -2, 6, -18, 54, -162...

Use the illustration to answer the following.

1.) What is the intersection of planes P and Q?

2.) List two pairs of collinear points.

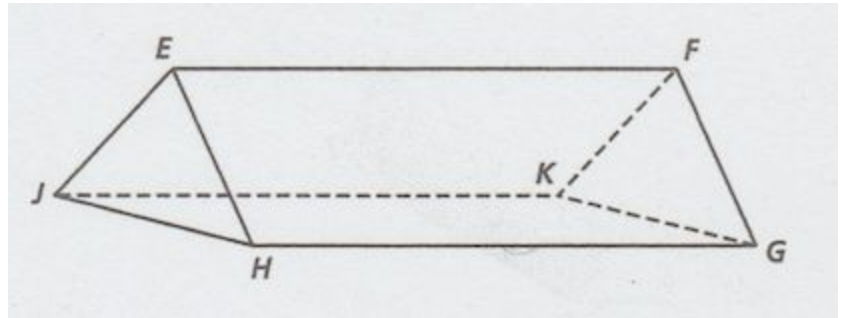
3.) What is the minimum requirement for a plane? Include one from the illustration.



Use the illustration to answer the following.

1.) Name all of the segments parallel to EH.

2.) Name all segments skew to HG.



Include proper arrow format for each of the following.

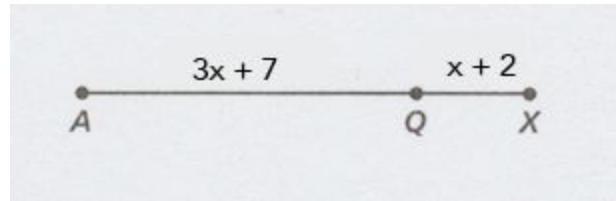
1.) Draw a line segment featuring points A and B.

2.) Draw line CD.

3.) Draw the ray XY.

If $AX = 57$, find the value of each of the following.

1.) AQ



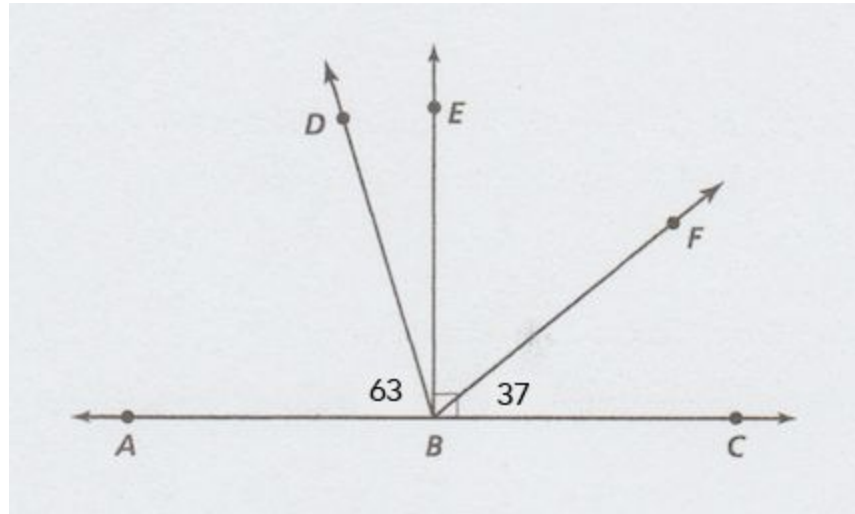
2.) x

Find the measure of each of the following angles.

1.) $\angle DBE$

2.) $\angle DBF$

3.) $\angle DBC$



Find the distance between the points.

1.) $(2, 4)$ and $(-6, 7)$

2.) $(-1, -5)$ and $(4, 7)$

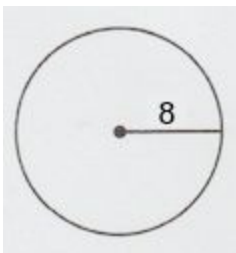
3.) $(-7, 0)$ and $(-3, 2)$

Find the midpoint of each segment.

1.) A $(6, 7)$, B $(-4, 1)$

2.) C $(5, -3)$, D $(-9, 2)$

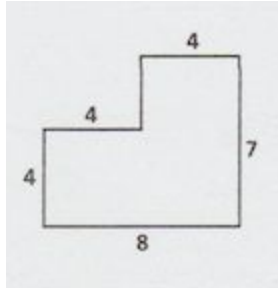
Find the circumference of the circle in terms of π .



Find the perimeter and area of a rectangle when:

$$b = 8 \text{ cm}, h = 6 \text{ cm}$$

Find the perimeter and area for the following figure.



Find the area of the circle in terms of π .

