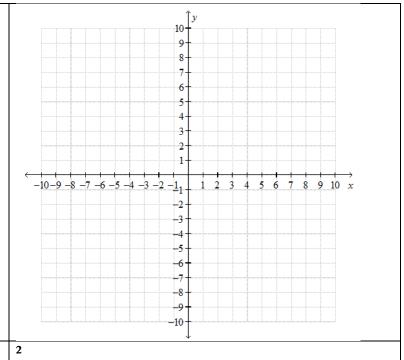
I studied this for more than 20 minutes (parent signature) ___

1. The vertices of polygon ABCD are located at A (-3, 6), B(4, 6), C(2, -1), and D(-1, -3)

A. Draw polygon ABCD in the coordinate plane.

B.Find the length of side AB



2. What is the volume of this box of cereal?

3/4 ft

2/3 ft

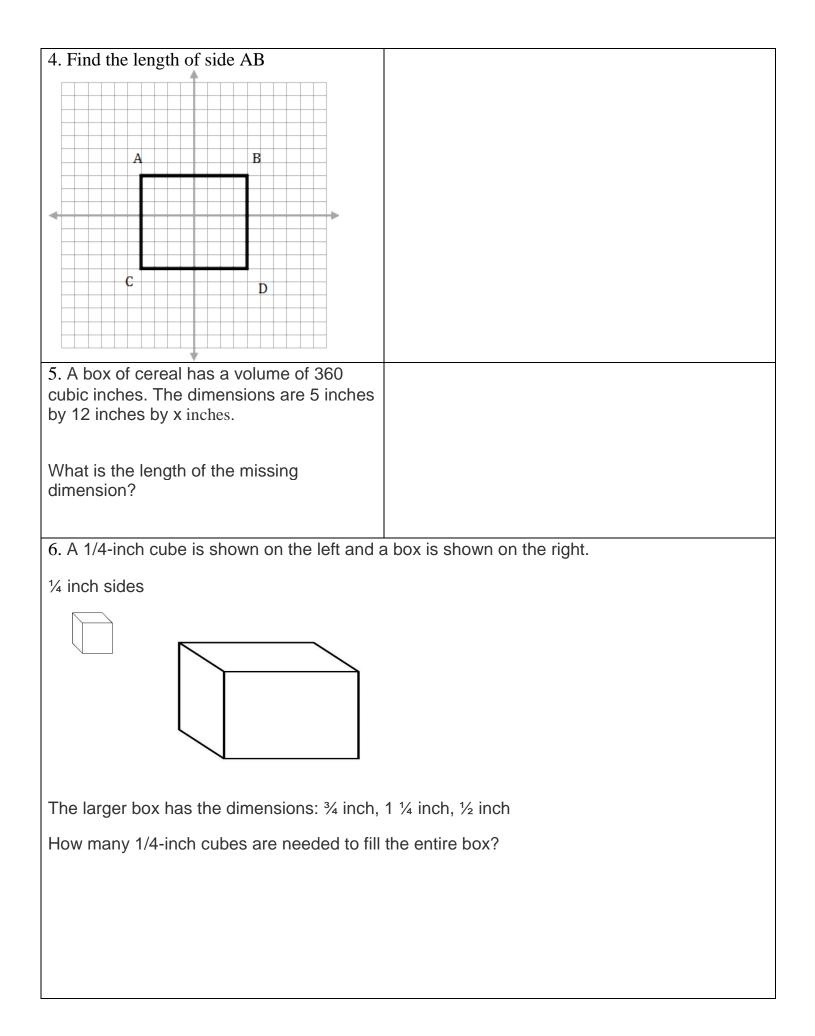


1/6 ft

3. A regular pentagon has a side length of 4 centimeters. When decomposed into five congruent triangles, the height of each triangle is 10 centimeters.

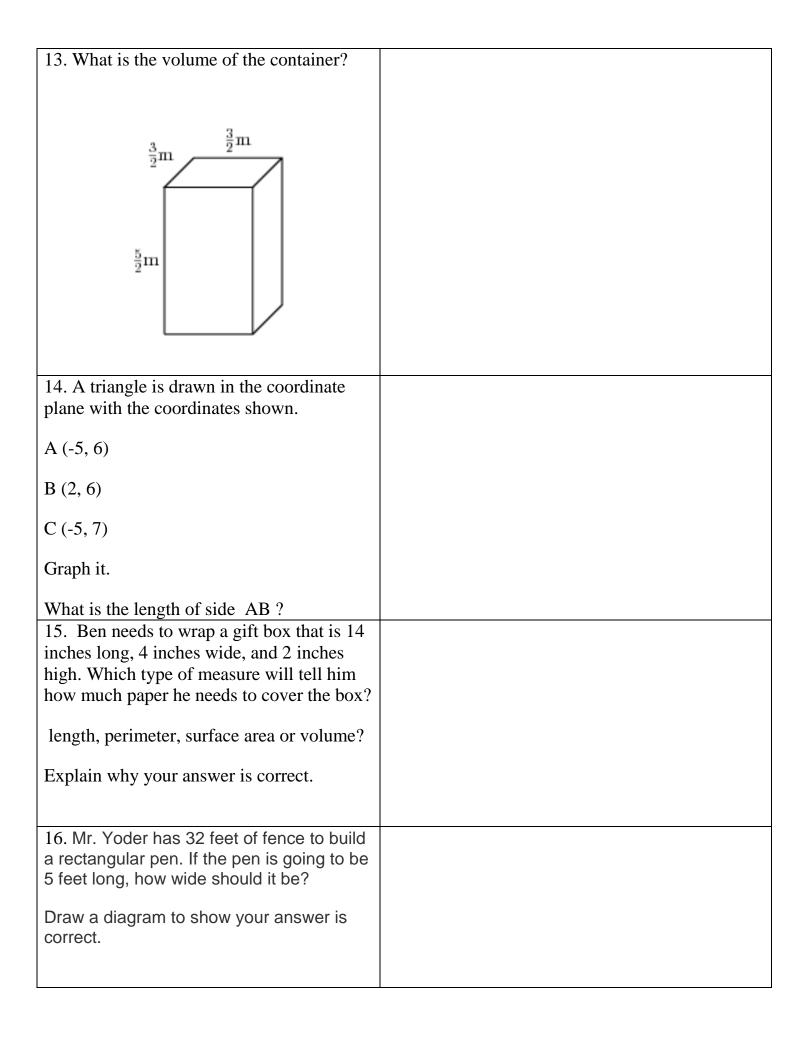
Draw the pentagon and label it.

Find the area of this regular pentagon?



7. Justin's garden is 12 feet by 5 feet. Within the garden, a 2-foot by 3-foot rectangular area is dedicated to strawberries. The rest of the garden is planted with vegetables.	
Draw a diagram.	
How much of the garden is for growing vegetables?	
8. Find the area of the shape	
3	
9. Find surface area of net	
3' 3' 5'	

10. Find the surface area of a right	
rectangular prism with the dimensions 3	
feet by 5 feet by 4 feet.	
Draw it.	
Draw it.	
Solve it.	
11. What is the surface area of this	
triangular prism?	
N.	
4 cm 5 cm	
3 cm	
4 cm 3 cm 5 cm	
4 cm	
•	
12. The vertices of polygon ABCD are	
A (2, 3)	
B (2.5)	
B (2, 5)	
C (3, 7)	
D (6, 3)	
Graph polygon ABCD.	
F F 78 122 02 .	
Fig.1.d., 1, and C.1. AB. 1.1. 1.	
Find the length of side AB and the length of side AD	
of side AD	



17. The coordinates of opposite vertices of a rectangle are (-6, 2) and (8, -5).	
What are the coordinates for the remaining two vertices?	
Draw it to show your answer is correct.	
18. What is the area of a photograph that has a width of 5 ½ inches and a length of 8 inches?	
19. Joshua cut a piece of wood in the shape of a right triangle. The base of the wood is 8 inches long and the area of the piece of wood is 40 square inches. What is the height of the piece of wood?	
20. Which measurements describe a triangle with an area of 24 square centimeters?	
a) Triangle A has a height of 4 cm and a base of 6 cm	
b) Triangle B has a height of 4 cm and a base of 3 cm	
c) Triangle C has a height of 8 cm and a base of 3 cm	
d) Triangle D has a height of 4 cm and a base of 20 cm	
Prove your answer is correct.	