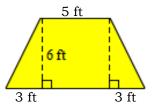
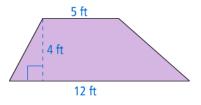
An Overview of Area

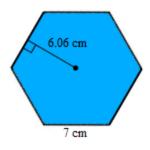
1N. Find the area of the trapezoid.



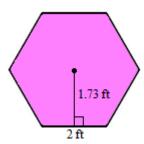
1H. Find the Area of the trapezoid.

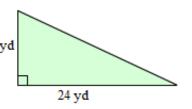


1N. Find the area of the hexagon.

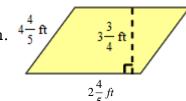


2H. Find the Area of the hexagon.





3H. Find the area of the parallelogram.

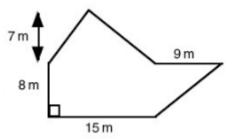


4N. Find the base of a parallelogram as a fraction in simplest form if the area of the parallelogram is 24 ft² and the height is $2\frac{2}{3}$ ft.

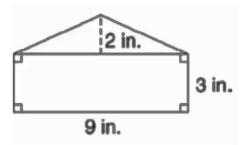
4H. Find the base of a rectangle if the area is 10 cm².

 $\frac{4}{5}cm$

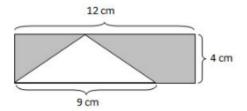
5N. The area of the polygon.



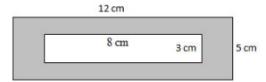
5H. Find the area of the polygon.



6N. The area of the shaded region.



6H. Find the area of the shaded region.

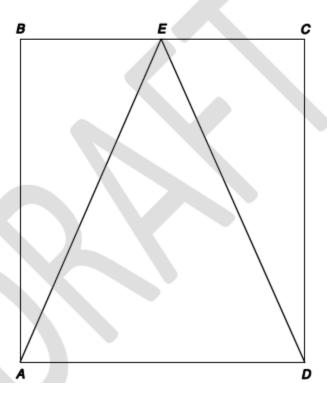


Triangle ADE is inside rectangle ABCD. Point E is halfway between points B and C on the rectangle. Side AB is 8 cm and side AD is 7 cm.

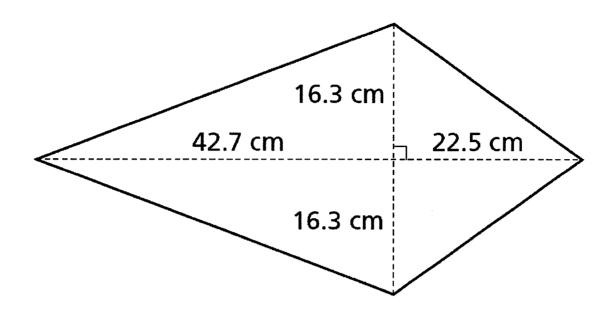
Part A: What is the area of triangle ADE? Show your work.

Part B: What is the ratio of the area of triangle ABE to the area of triangle ADE?

Part C: What is the ratio of the area of triangle CDE to the area of rectangle ABCD?

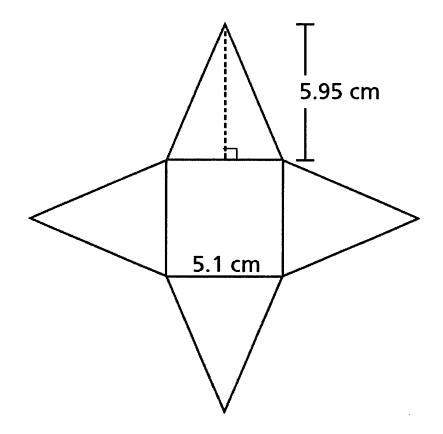


Noah wants to make the kite shown below out of cloth.



He wants to determine how much cloth he needs. What is the area, rounded to the nearest square centimeter, of Noah's kite?

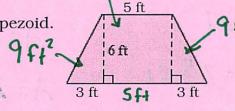
A net of a square pyramid is shown below.



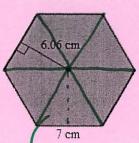
What is the surface area, in square centimeters, of the pyramid?

30 ft* An Overview of Area

1N. Find the area of the trapezoid.



1N. Find the area of the trapezoid.

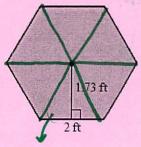


Find Area of 1 D
and x 6

9ff² 1H. Find the Area of the trapezoid.

$$A = 4 \cdot (5 + 12)$$

2H. Find the Area of the hexagon.



$$A = \frac{2 \cdot 1 \cdot 73}{2}$$

3N. Find the area of the triangle.
$$\frac{1}{6}$$
 yd

3N. Find the area of the triangle.
$$2\frac{1}{6}$$
 yo

24 yd

$$A = \frac{52}{2}$$

$$A=?$$
 $b=2\frac{4}{5}f+$
 $h=3\frac{3}{4}f+$

$$A = 2\frac{4}{5} \cdot 3\frac{3}{4}$$

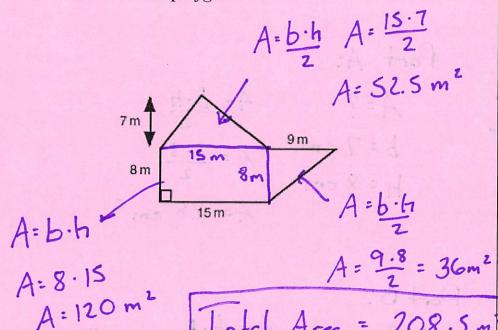
$$A = \frac{7}{8} \cdot \frac{18}{4} \cdot \frac{21}{2}$$

4N. Find the base of a parallelogram as a fraction in simplest form if the area of the rectangle is 24 ft² and the perallelogrem height is $2\frac{2}{3}$ ft.

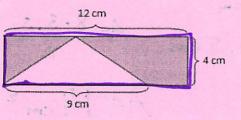
4H. Find the base of a rectangle if the area is 10 cm².

$$\frac{510}{1} \cdot \frac{5}{42} = \frac{25}{2}$$

5N. The area of the polygon.



6N. The area of the shaded region.



Rectongle

Shaded = 48 - 18 = 30 cm²

5H. Find the area of the polygon.

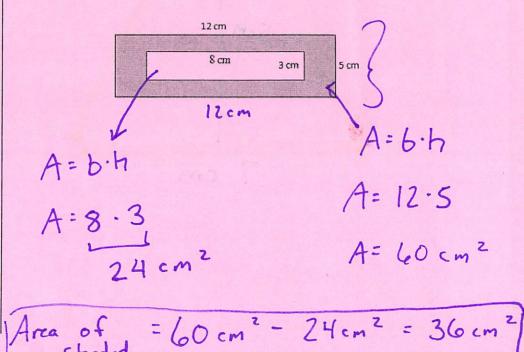
$$A = \frac{b \cdot h}{2}$$
 $A = \frac{9 \cdot 2}{2}$
 $A = 9 \cdot n^{2}$

12 in.

3 in.

 $A = b \cdot h$
 $A = b \cdot h$
 $A = 9 \cdot 3$
 $A = 9 \cdot 3$
 $A = 27 \cdot in^{2}$

6H. Find the area of the shaded region.

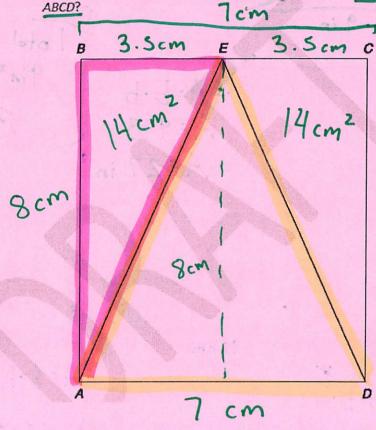


Triangle ADE is inside rectangle ABCD. Point E is halfway between points B and C on the rectangle. Side AB is 8 cm and side AD is 7 cm.

Part A: What is the area of triangle ADE? Show your work.

28 Part B: What is the ratio of the area of triangle ABE to the area of triangle ADE?

Part C: What is the ratio of the area of triangle CDE to the area of rectangle



Part A:

$$A=?$$
 $A=\frac{b\cdot h}{z}$

Port B:

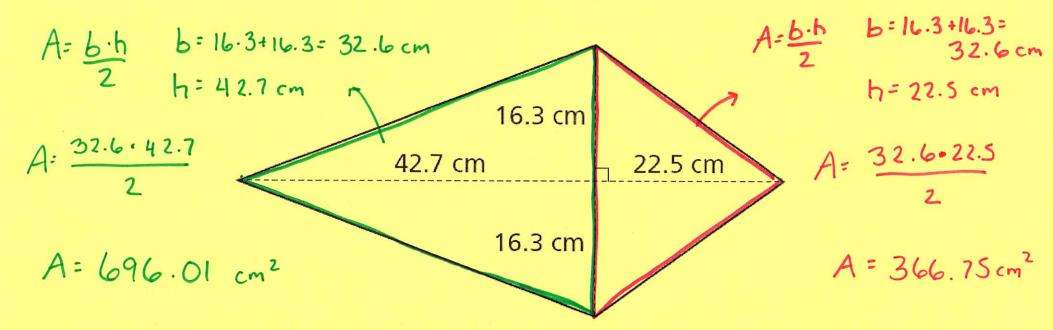
$$A=?$$
 $A=b-8$

$$A=\frac{8\cdot 3.5}{2}$$

ratio

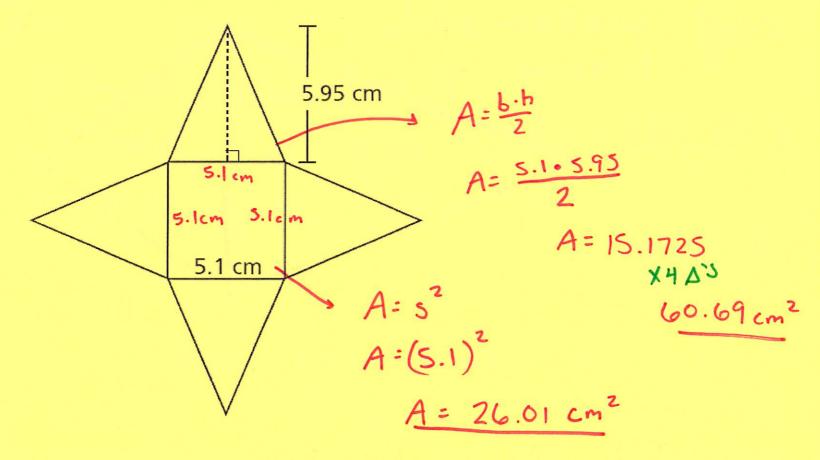
Port C:

Noan wants to make the kite shown below out of cloth.



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