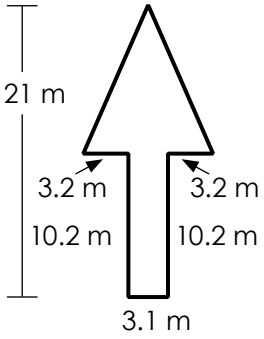
Name: _____

Advanced

Area of an Irregular Shape

To find the area of an irregular shape made of rectangles and triangles, cut the shape into two or more parts and add the area of each part.



Area of Triangle

$A = \frac{1}{2} \times b \times h$

$A = \frac{1}{2} \times 9.5 \times 10.8$

$A = 51.3 \text{ m}^2$

Area of Rectangle

$A = l \times w$

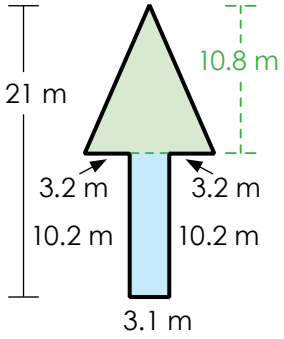
$A = 3.1 \times 10.2$

$A = 31.62 \text{ m}^2$

Total Area:

$A = 51.3 \text{ m}^2 + 31.62 \text{ m}^2$

$A = 82.92 \text{ m}^2$



Find the area of each shape. Include units in your answer.

1.

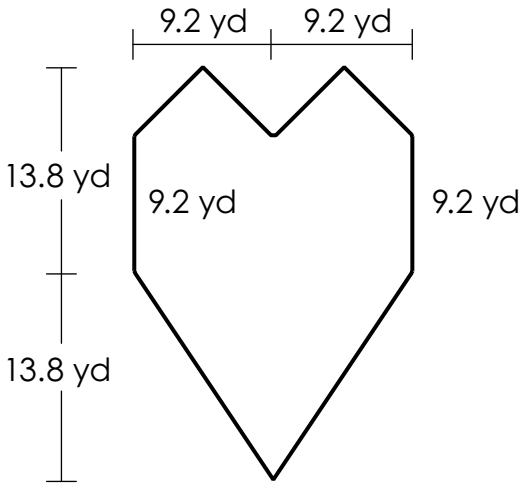
15 in

answer = _____

2.

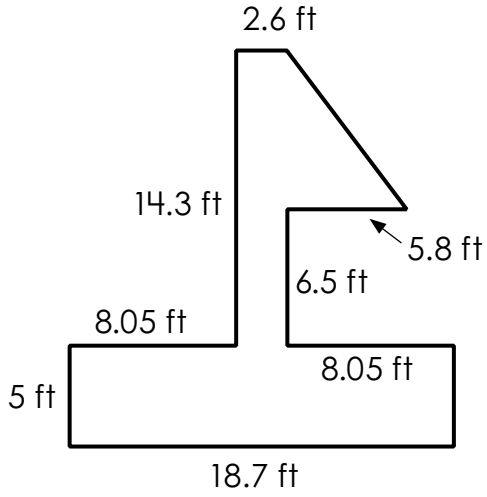
answer = _____

3.



answer = _____

4.



answer = _____

ANSWER KEY

Advanced

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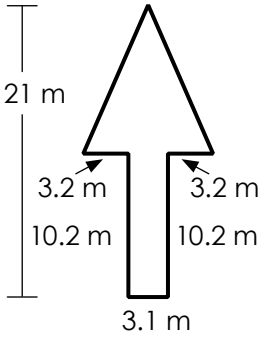

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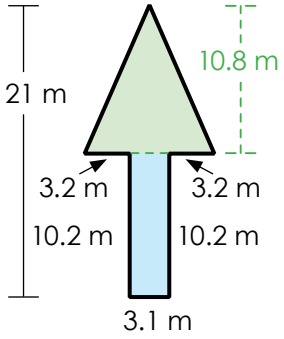

TL