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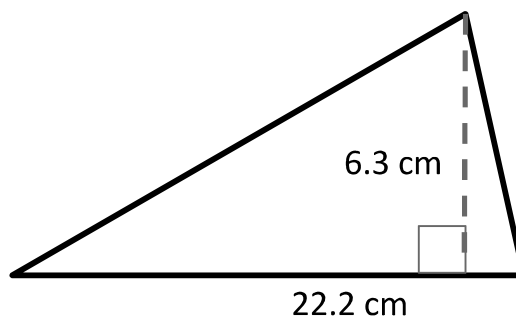
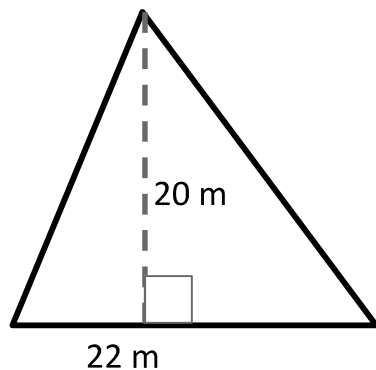
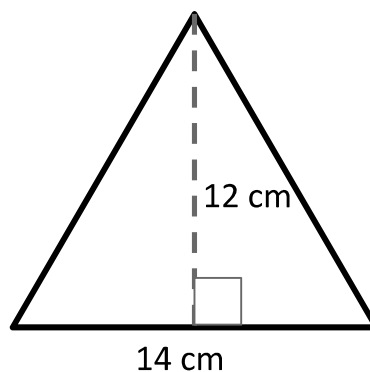
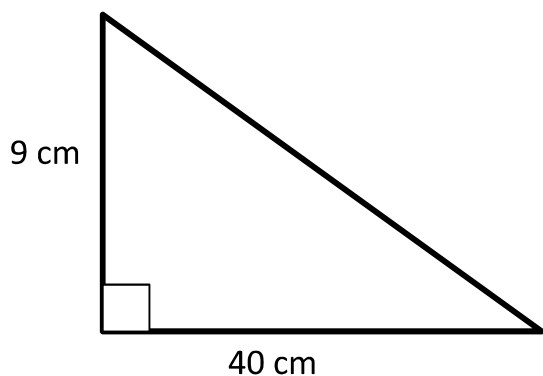
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Area of Triangles

1. The _____ of a polygon is the amount of surface it covers.
2. To find the area of a triangle, _____ the base by the height, then divide by two.
3. Another way this can be written is:

4. The algebraic formula is: _____ or

5. The base and height are _____ to each other.
6. Perpendicular lines intersect to form a _____ angle.
7. Right angles measure _____
8. Find the area of each triangle below:



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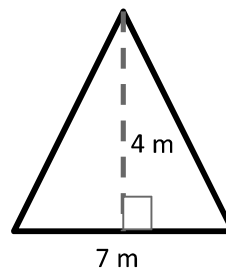
Practice: Area of Triangles

#1 What is the area of a triangle with a base of 6m and a height of 7m?

#2 What is the area of a triangle with a base of 10 cm and a height of 40 cm?

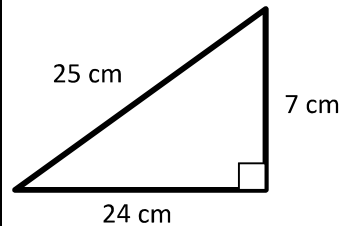
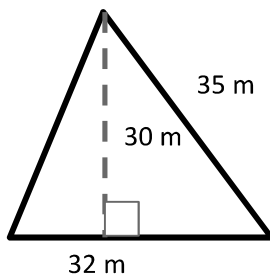
#3 What is the area of a triangle with a base of 14.5 cm and a height of 7.1 cm?

#4 Find the area of the figure below:



#5 Find the area of the figure below:

#6 Find the area of the figure below:



#7 Susan is making a quilt using triangular shaped pieces. Each triangle piece has a base of 5 inches and a height of 6 inches. If Susan needs to cut 20 identical triangles, what is the total amount of fabric she needs?