Surface Area of Prisms & Pyramids
Using Nets

SURFACE AREA is the sum of the areas of all the faces that enclose a solid figure. It is the amount of material needed to wrap around the ***outside***.

STEPS

1. Write the Missing dimensions for each length of the net.
2. Find the area of each face.
3. Add the areas together to find the surface area of the entire shape.

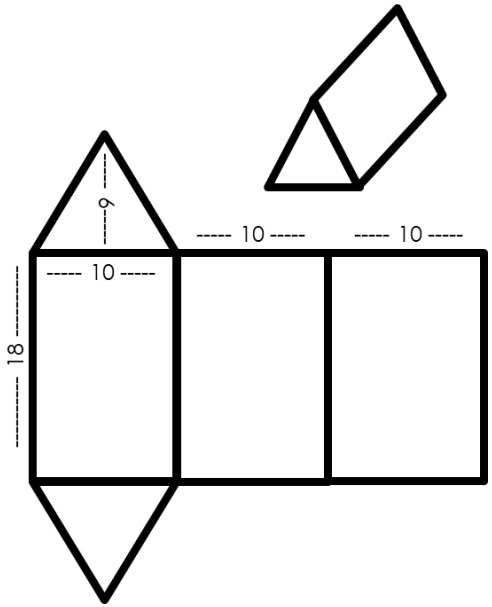
Remember…

The formula for the AREA of a parallelogram is:

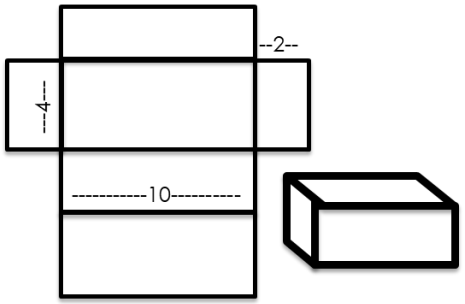
$A = bh$

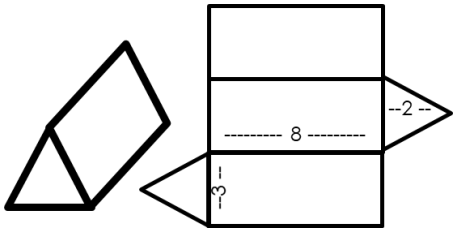
The formula for the AREA of a triangle is:

$A = \frac{bh}{2}$ *or* $A = \frac{1}{2}bh$



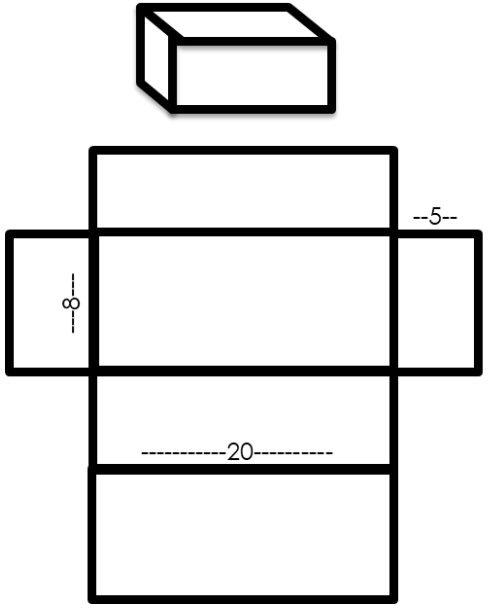
My Work
A_A:
A_B:
A_C:
A_D:
A_E:
Total Area:





My Work
A_A:
A_B:
A_C:
A_D:
A_E:
A_F:
Total Area:

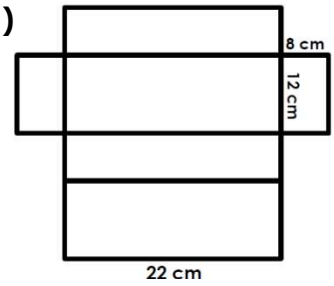
My Work
A_A:
A_B:
A_C:
A_D:
A_E:
Total Area:



My Work
A_A:
A_B:
A_C:
A_D:
A_E:
A_F:
Total Area:

Find the surface area for each shape below. Show <u>ALL</u> your work and use the correct units.

1)



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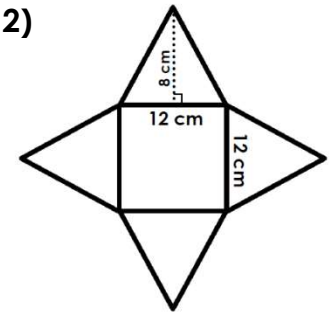

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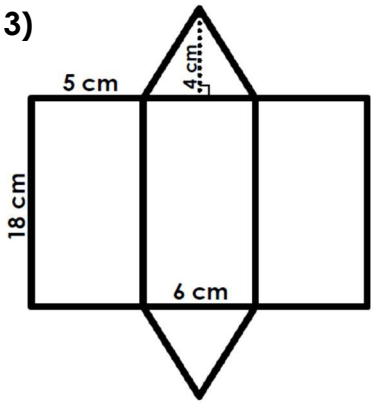

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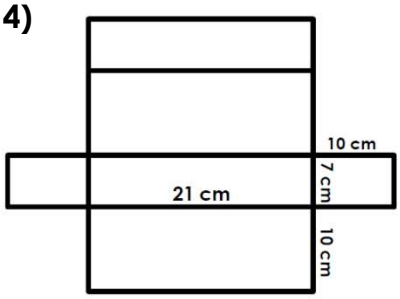

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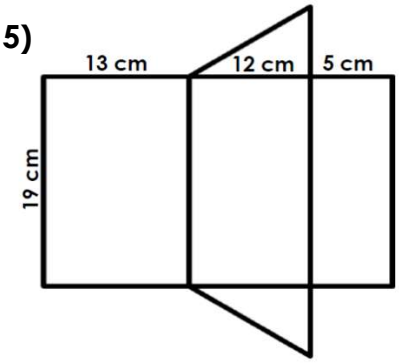

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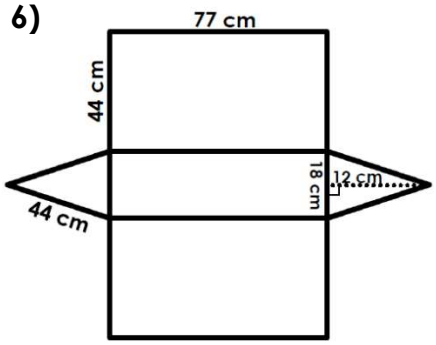

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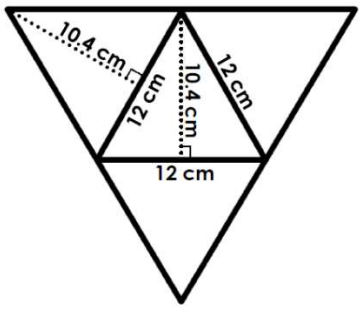

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