# Find the Surface Area of Nets Activity

Part I

1. Measure the unknown dimensions indicated on the net. Record on the net and below as indicated.
2. Determine the area of each face of the net. Record information on each face of net and then on the table below.
3. Add the areas of each face together. This is the surface area of the net.
4. Complete the table below for each net.
5. HAND in this page when you have completed part II below.

Part II: Do only when #4 above is complete !!!

1. In your groups cut out all six shapes along the solid lines
2. Fold the shapes along the dotted lines.
3. Tape or glue the flaps to form the shape indicated.
4. You should now have six 3-D shapes that you know the surface area of.

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| Shape and Dimensions | # of Faces | Calculate the Area of each face  (see example below) | Total Surface Area |
| Cube  s=\_\_\_\_\_\_cm | 6 |  | \_\_\_\_\_\_\_\_\_\_\_\_cm2  (Sum of all areas of each face) |
| Triangular prism  w =\_\_\_\_\_\_cm  l =\_\_\_\_\_\_\_cm  h = \_\_\_\_\_\_\_cm | \_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_cm2 |
| Rectangular Prism  w =\_\_\_\_\_\_cm  l =\_\_\_\_\_\_\_cm  h = \_\_\_\_\_\_\_cm | \_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_cm2 |
| Cylinder  C =\_\_\_\_\_\_cm  d =\_\_\_\_\_\_\_cm  r =\_\_\_\_\_\_\_cm  h = \_\_\_\_\_\_\_cm | \_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_cm2 |

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| Square pyramid  l =\_\_\_\_\_\_cm  s = \_\_\_\_\_\_\_cm | \_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_cm2 |
| Cone  r =\_\_\_\_\_\_cm  d =\_\_\_\_\_\_cm  s = \_\_\_\_\_\_\_cm | \_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_cm2 |