::Week 4 Math Resources::

Lesson 10.4: *Surface Area of Triangular Prisms (Monday April 20th)*

Helpful Youtube Link

Vocabulary
Surface Area - the total area around the outside of a 3D shape
Net - a flattened pattern that could be folded to create the 3D shape

Formulas
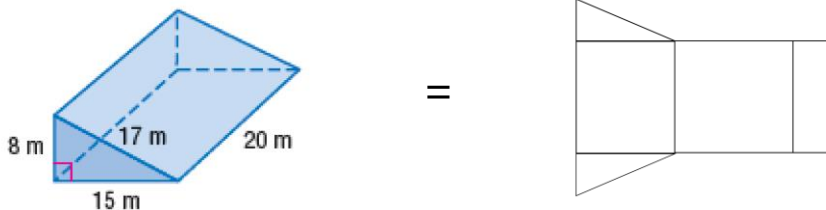Area of a rectangle or square = base x height
Area of Triangle = base x height/2

Steps to Solve
- Transfer and label all the given measurements onto the corresponding net.
- Using the measurements on the net, find the area of each side of your shape
  **Area = base x height
  **Area of Triangle = base x height/2
Add each side's Area together to get your Surface Area. Remember that Area is always squared.
Example: Surface Area is $170 cm^2$

Lesson 10.5: *Surface Area of Pyramids (Tuesday April 21st)*
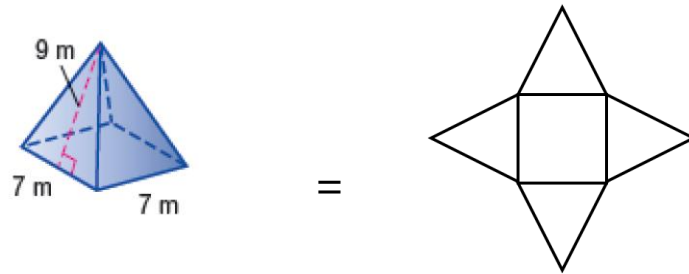
Helpful Youtube Link

Vocabulary
Surface Area - the total area around the outside of a 3D shape
Net - a flattened pattern that could be folded to create the 3D shape

Steps to Solve
- Transfer and label all the given measurements onto the corresponding net.
- Using the measurements on the net, find the area of each side of your shape
  **Area = base x height
  **Area of Triangle = base x height/2

- Add each side's Area together to get your Surface Area. Remember that Area is always squared. Example: Surface Area is 170cm^2

Lesson 11.1 *Mean (Wednesday April 22nd)*

Helpful Youtube Link: Stop video at 4:20
https://www.youtube.com/watch?v=B1HEzNTGeZ4

Steps to Solve

Step 1:
Add all numbers

Step 2:
Divide by the total amount of numbers in the data set.