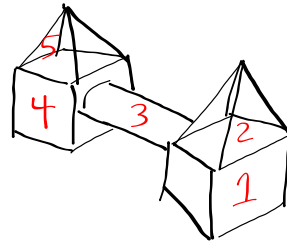


11/13/14

SURFACE CALCULATION ASSIGNMENT.

- 1) DRAW/SKETCH A
3D VIEW OF YOUR
COMPLETE STRUCTURE.



- 2) ON THE DRAWING, NUMBER
EACH 3D SHAPE.

- 3) WRITE OUT THE NAME & # OF THE
FIRST SHAPE.

#1 CUBE

- 4) BELOW THE NAME, DRAW A SMALL
2D PICTURE OF EACH SIDE OF THAT
3D SHAPE.

16

$$16 \times 16 - (\pi(2)^2) = 243.5 \text{ in}^2$$

16

$$16 \times 16 = 256 \text{ in}^2$$

16

$$16 \times 16 = 256 \text{ in}^2$$

16

$$16 \times 16 = 256 \text{ in}^2$$

16

$$16 \times 16 = 256 \text{ in}^2$$

- 5) CALCULATE THE AREA TO THE RIGHT
OF EACH OF YOUR 2D DRAWINGS.

- 6) PUT A BOX AROUND THE ANSWER FOR EACH
SIDE.

- 7) REPEAT STEP #3-6 FOR YOUR OTHER
3D SHAPES.

- 8) ADD UP ALL YOUR AREAS. PUT A TRIANGLE
AROUND YOUR FINAL ANSWER.

TODAY

- 1) GET YOUR STRUCTURE OUT.
- 2) DO AREA CALCULATIONS FOR AT LEAST TWO 3D SHAPES.
- 3) YOU CAN TRY TO FINISH YOUR STRUCTURE OR COMPLETE THE CALCULATIONS.