

1) Rectangular Prism

Name

6th pd.

2/28/14



$$2(48) = 96.0$$

$$2(45) = 90.0$$

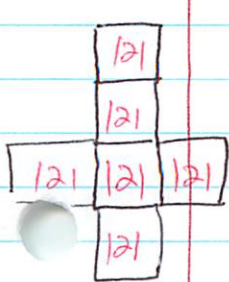
$$2(21.6) = 43.2$$

$$SA = 229.2 u^2$$

3	4	4
4.8	4.5	4.5
<u>x 4.5</u>	<u>x 4.8</u>	<u>x 10</u>
240	360	450
<u>+ 1920</u>	<u>1800</u>	
2160	2160	

Surface Area Practice Set C

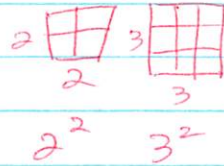
2) Cube



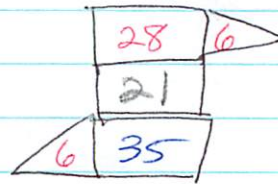
$$12 \times 12 = 144$$

$$144 \times 6 = 864 \text{ mm}^2 = SA$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline 11 \\ + 110 \\ \hline 121 \end{array}$$



3) Triangular Prism



$$28$$

$$21$$

$$35$$

$$+ 12$$

$$96 \text{ in}^2$$

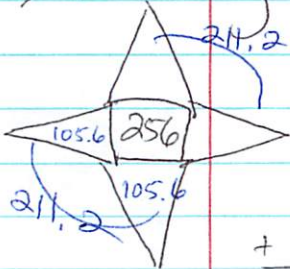
$$118.15$$

$$48.00$$

$$60.00$$

$$+ 90.00$$

4) Rectangular Pyramid



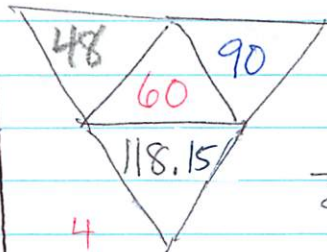
3	11	
16	13.2	21.2
<u>x 16</u>	<u>x 16</u>	<u>21.2</u>
96	79.2	+ 256.0
<u>+ 160</u>	<u>1320</u>	<u>678.4</u>
256	211.2	

$$SA = 678.4 \text{ ft}^2$$

$$\begin{array}{r} 105.6 \\ 2 \overline{) 211.2} \\ \underline{-2} \\ 011 \\ \underline{-10} \\ 12 \end{array}$$

5) Triangular Pyramid

$$SA = 316.15 u^2$$



$$4$$

$$15$$

$$\times 8$$

$$120/2 = 60$$

26	118.15
13.9	2/236.31
<u>x 17</u>	<u>2</u>
973	03
<u>1390</u>	<u>2</u>
2363	16
	16
	03
	150
	<u>x 12</u>
	30
	150
	<u>180/2</u>