



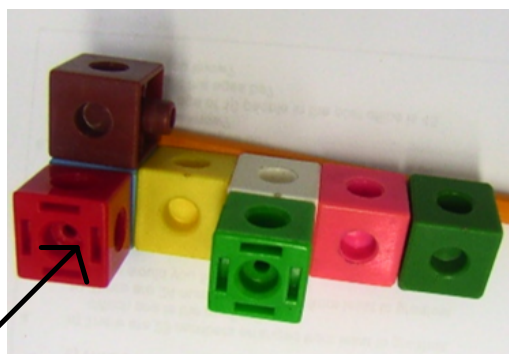
Warm Up

Grade 8

Oct. 3, 2017



Draw the front, top, left and right views of the following shape



front

Mental Math

$$\begin{aligned}
 1) & 2 \times 3 - 5(2+1) \\
 & = \underline{2} \times 3 - 5(3) \\
 & = \underline{6} - 5(3) \\
 & = 6 - 15 \\
 & = -9
 \end{aligned}$$

$$\begin{aligned}
 2) & 140 \times 25 \\
 & \quad \downarrow \quad \downarrow \\
 & \quad \text{half} \quad \text{double} \\
 & \quad 70 \times 50 \\
 & \quad 3500
 \end{aligned}$$

$$\begin{aligned}
 3) & 7.90 - 2.99 \\
 & \quad \quad \quad \downarrow \\
 & \quad \quad \quad 7.90 - 3.00 \\
 & \quad \quad \quad \text{Too much} \\
 & \quad \quad \quad \approx 4.90 \quad 1¢ \\
 & \quad \quad \quad + 1¢ \\
 & \quad \quad \quad = \$4.91
 \end{aligned}$$

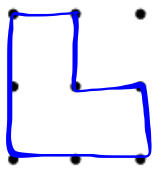
$$23 \times 56$$

$$\begin{array}{r} \overset{\color{red}!}{23} \\ \times 56 \\ \hline \color{blue}{138} \\ + \color{red}{1150} \\ \hline \color{red}{1288} \end{array}$$

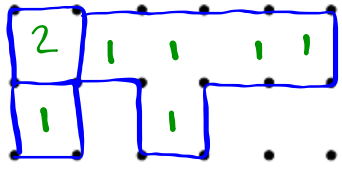


front
warmly

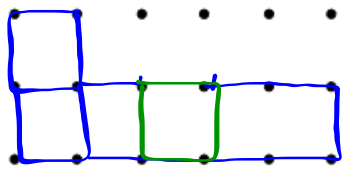
Left



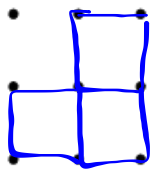
Top



Front

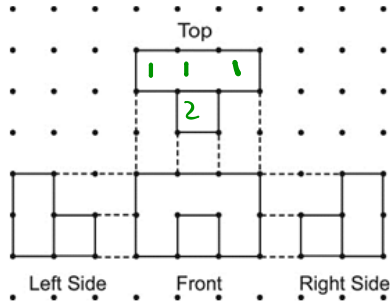


Right

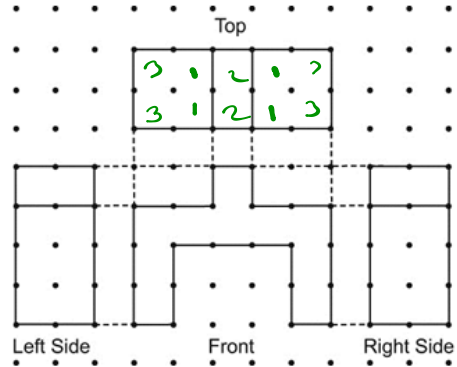


1. Answers may vary depending on the orientation chosen.

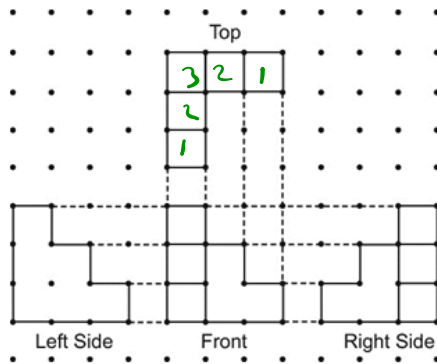
a)



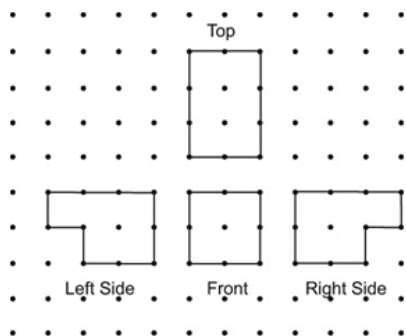
c)



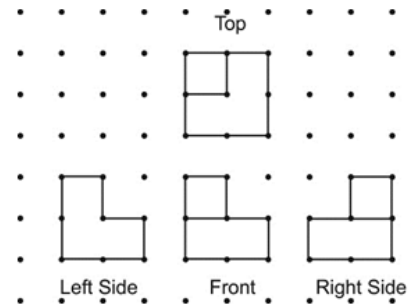
b)



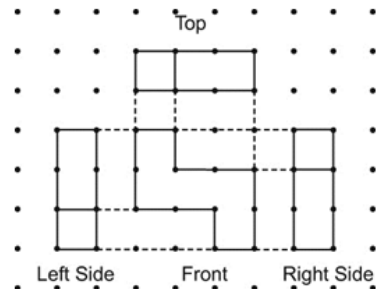
2. a)



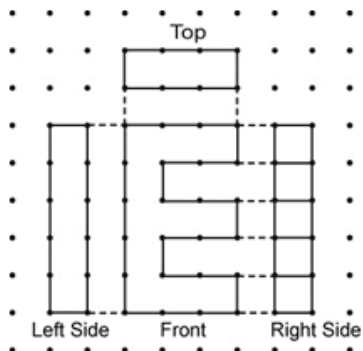
b)



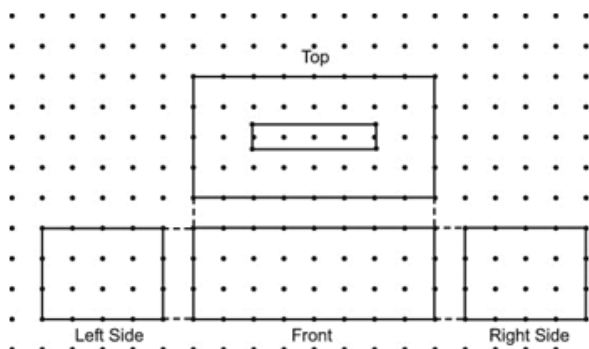
c)



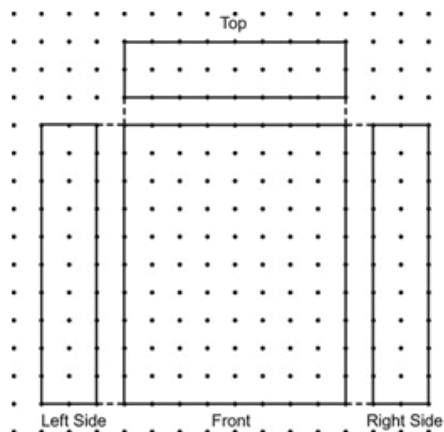
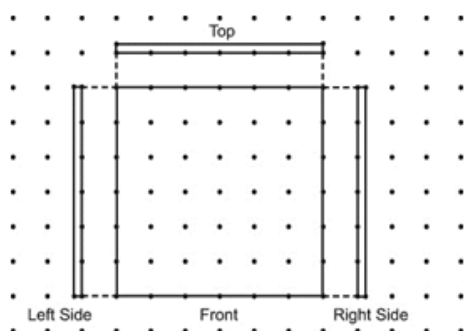
3.



)



c)



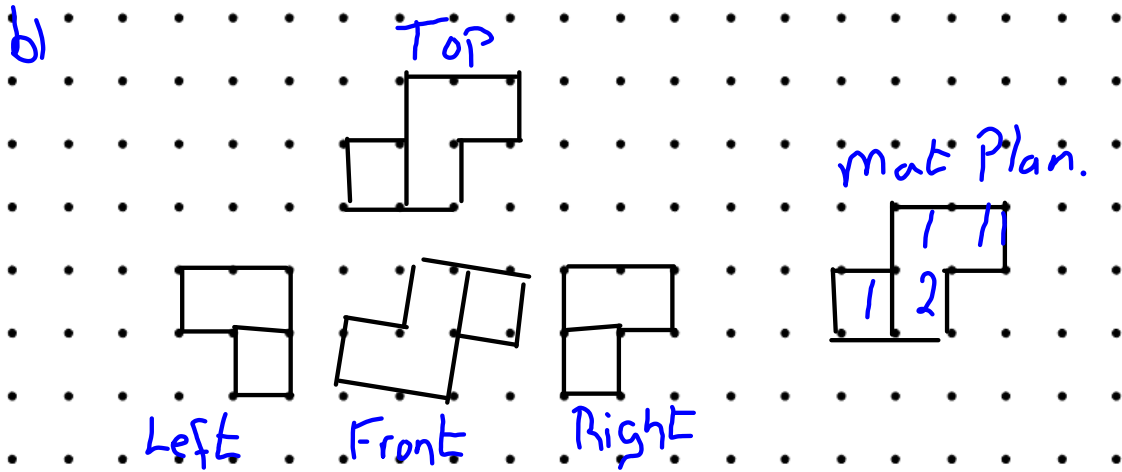
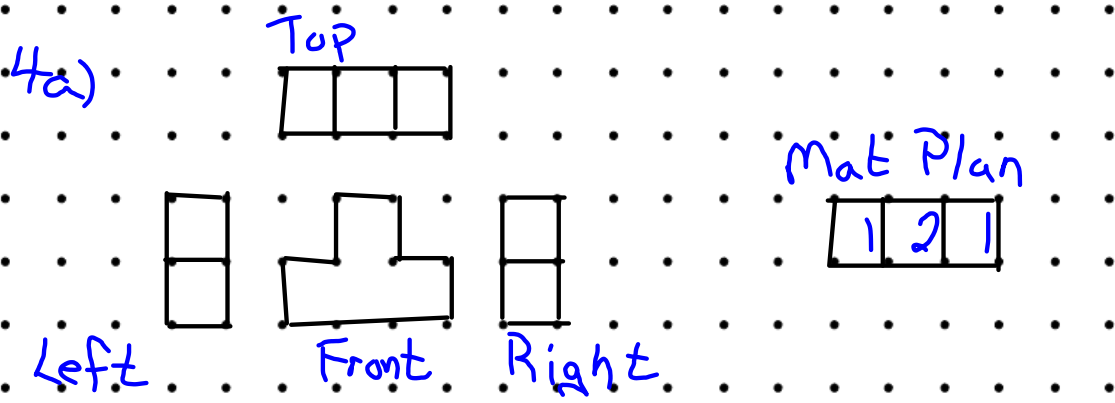
Class/Homework

5) A) N \Rightarrow Side
P \Rightarrow Top

B) N \Rightarrow front/Top
Q \Rightarrow Left
L \Rightarrow Right

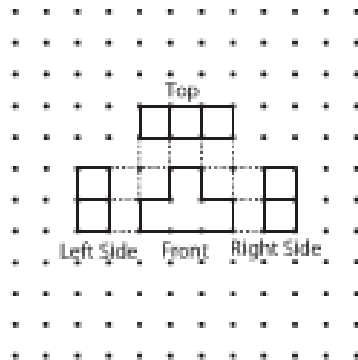
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#4, 5, 8,9,10, 12, 13, 14, 16

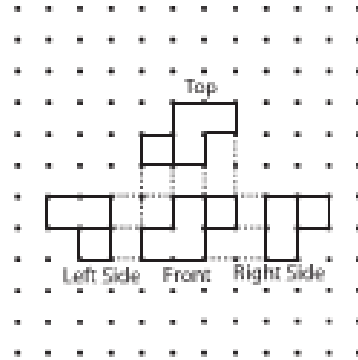


Sample Solutions

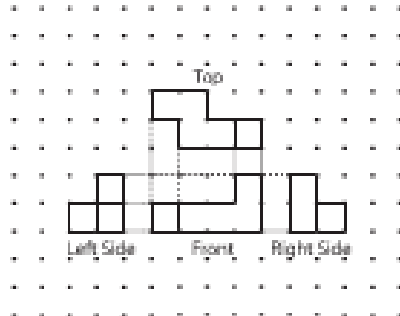
4. a)



b)



c)

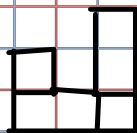
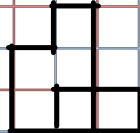
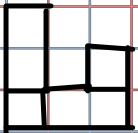
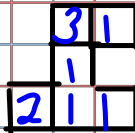
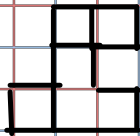


Sheet Activity E2.4

a)

Top

Mat Plan



Left

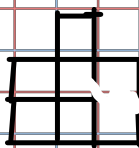
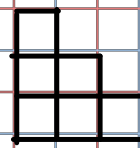
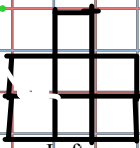
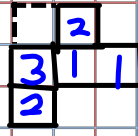
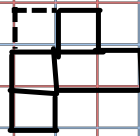
Front

Right

b)

Top

Mat Plan



Left

Front

Right

Top

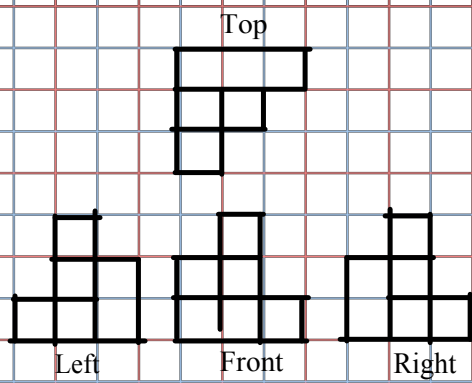
Mat Plan

Left

Right

Front

c)



d)

