Warm-Up

Oct. 4, 2016

1. Fred is eating pizza and drinking orange juice. Fred eats 3/8 of a cheese pizza then decides to eat 1/4 of the Hawaiian pizza. How much did he eat in total? How much pizza is left?

Fred ate $\frac{5}{8}$ of a pizza.

pizza left $= \frac{8}{8} - \frac{3}{8} = \frac{5}{8}$

$\frac{3}{8} + \frac{1 \times 2}{4 \times 2}$

$\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$

Pizza1 Pizza2

$\frac{5}{8} + \frac{3}{4}$

$\frac{5}{8} + \frac{6}{8}$

$\frac{11}{8}$

$1\frac{3}{8}$

2. Use mental math. ② $\frac{4}{4} - \frac{1}{4} = \frac{3}{4}$

a) 25% of 80 b) 99 x 21

2 pizza $= \frac{16}{8} - \frac{5}{8} = \frac{11}{8} = 1\frac{3}{8}$

ate

3. Estimate 3.2 x 7.9

3 x 8

24

Use Mental Math

25% of 80

$\frac{1}{4}$ of 80

= 20

groups

99 x 21

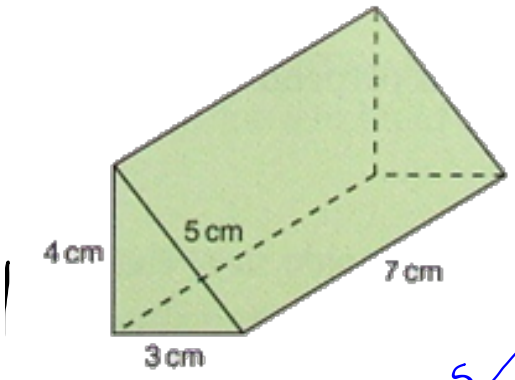
Round to 100

100 x 21 = 2100

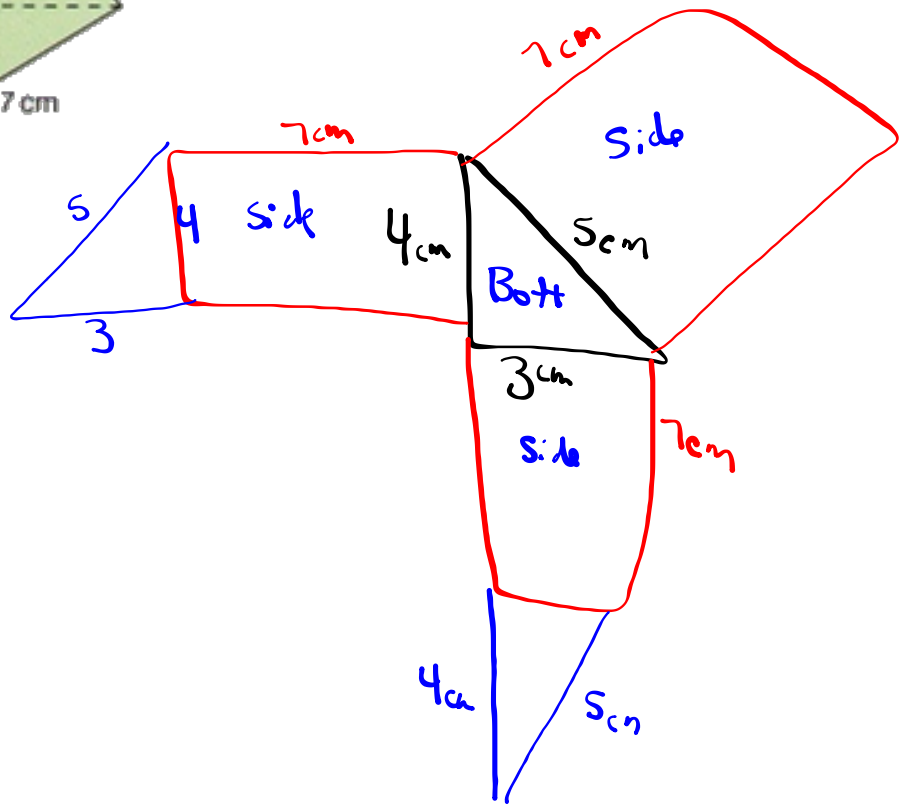
but remove 1 group of 21

$$\begin{array}{r} 2100 \\ -\ 21 \\ \hline 2079 \end{array}$$

Draw a net of this right triangular prism.



Base is △



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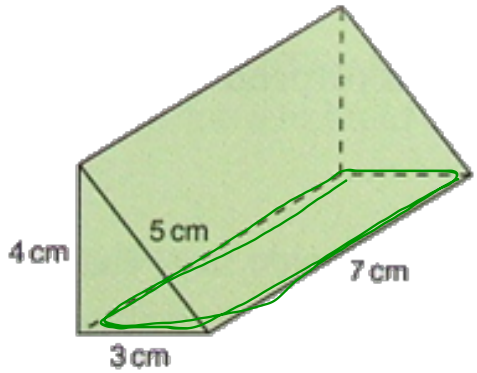

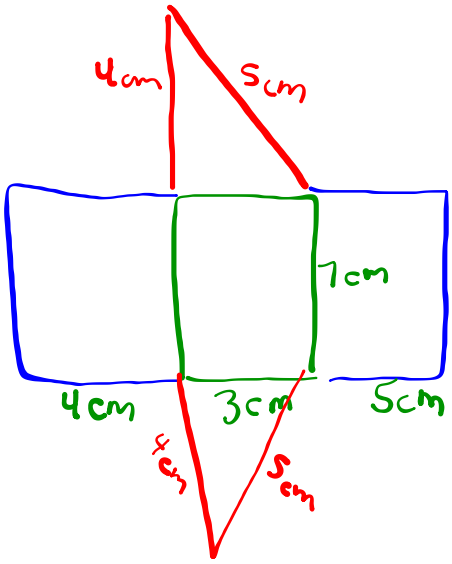

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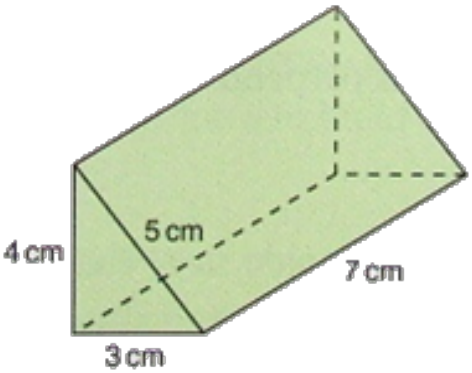

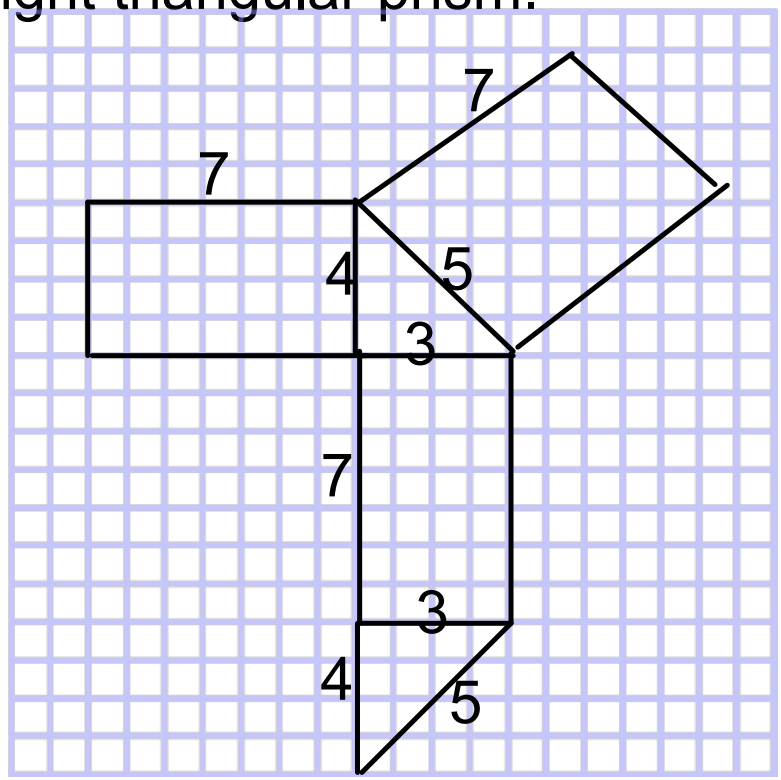

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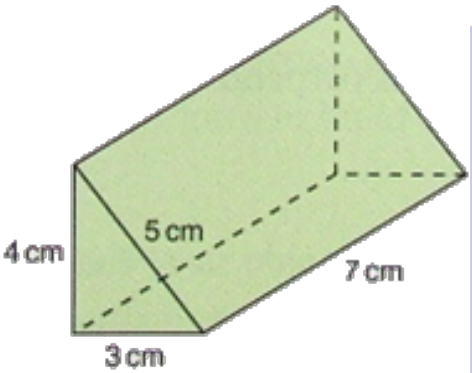
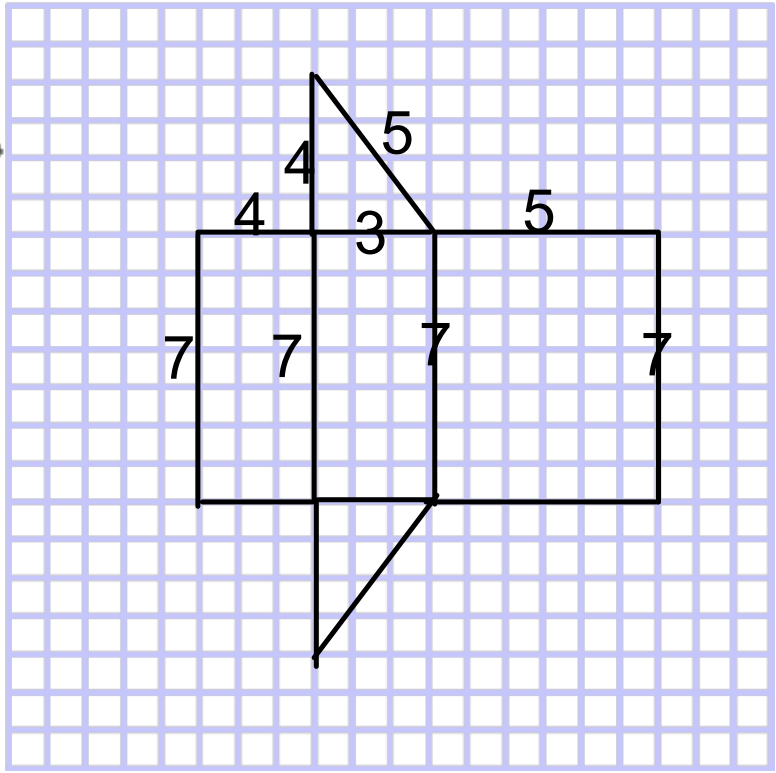


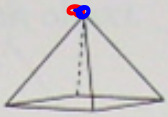


a) Match each object to its net.

A

Pentagonal Pyramid

B

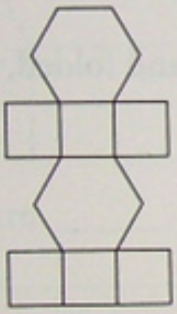


Square pyramids

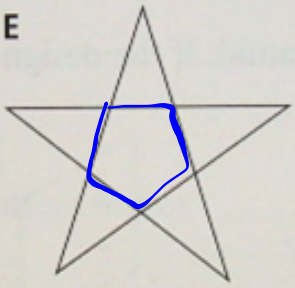
C

hexagonal prism

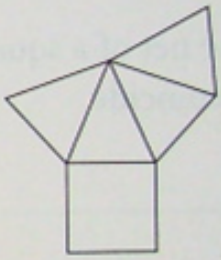
D



E



F



b) Identify and name each face of each object.

A → E
B → F
C → D

Class/Homework

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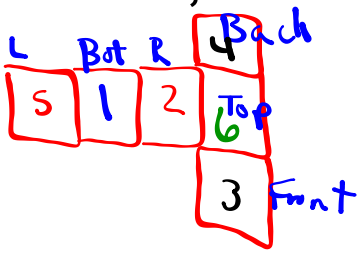
7. #8, #9,

10, # 12, #13

13) ii



i) iii)

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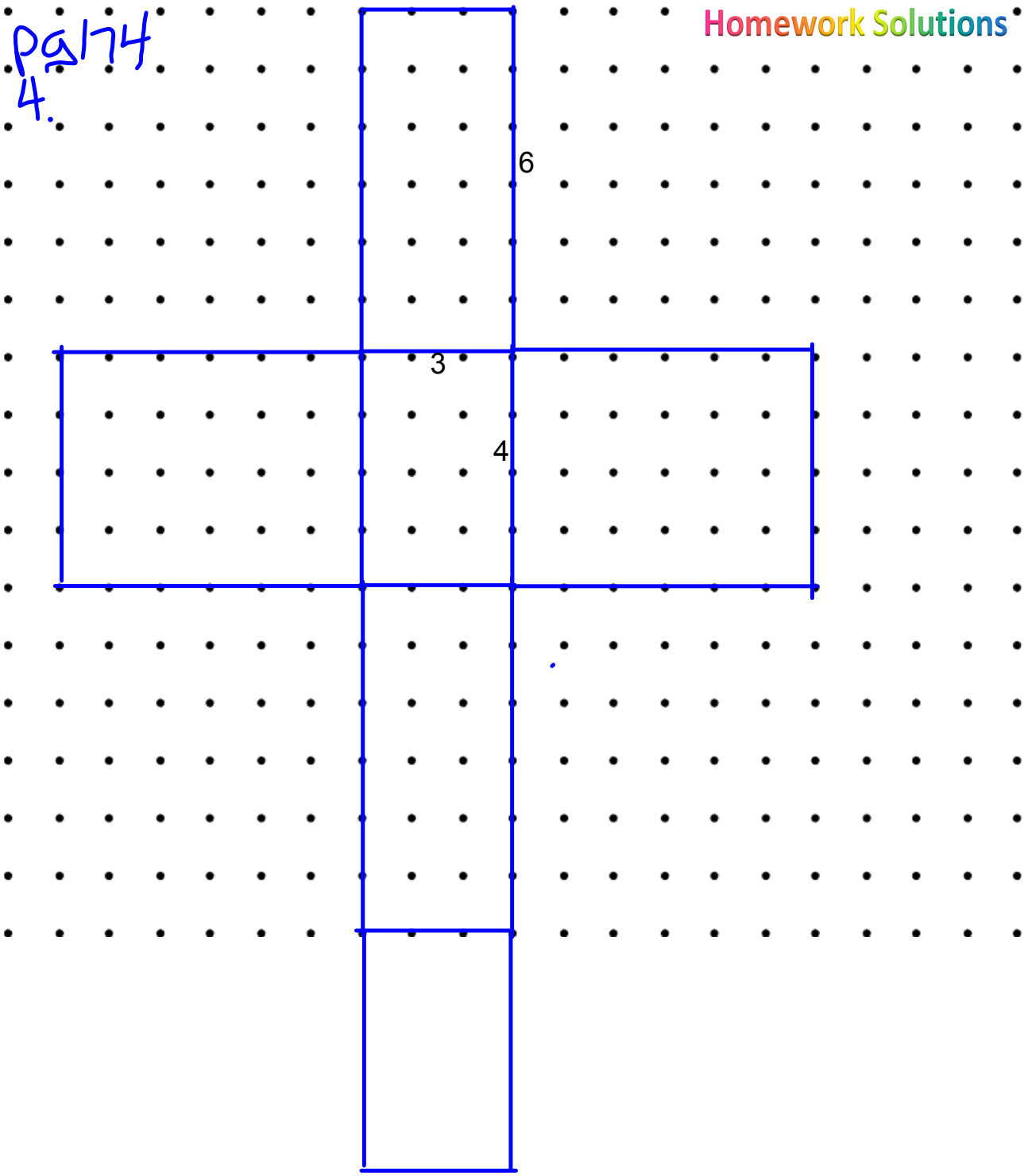
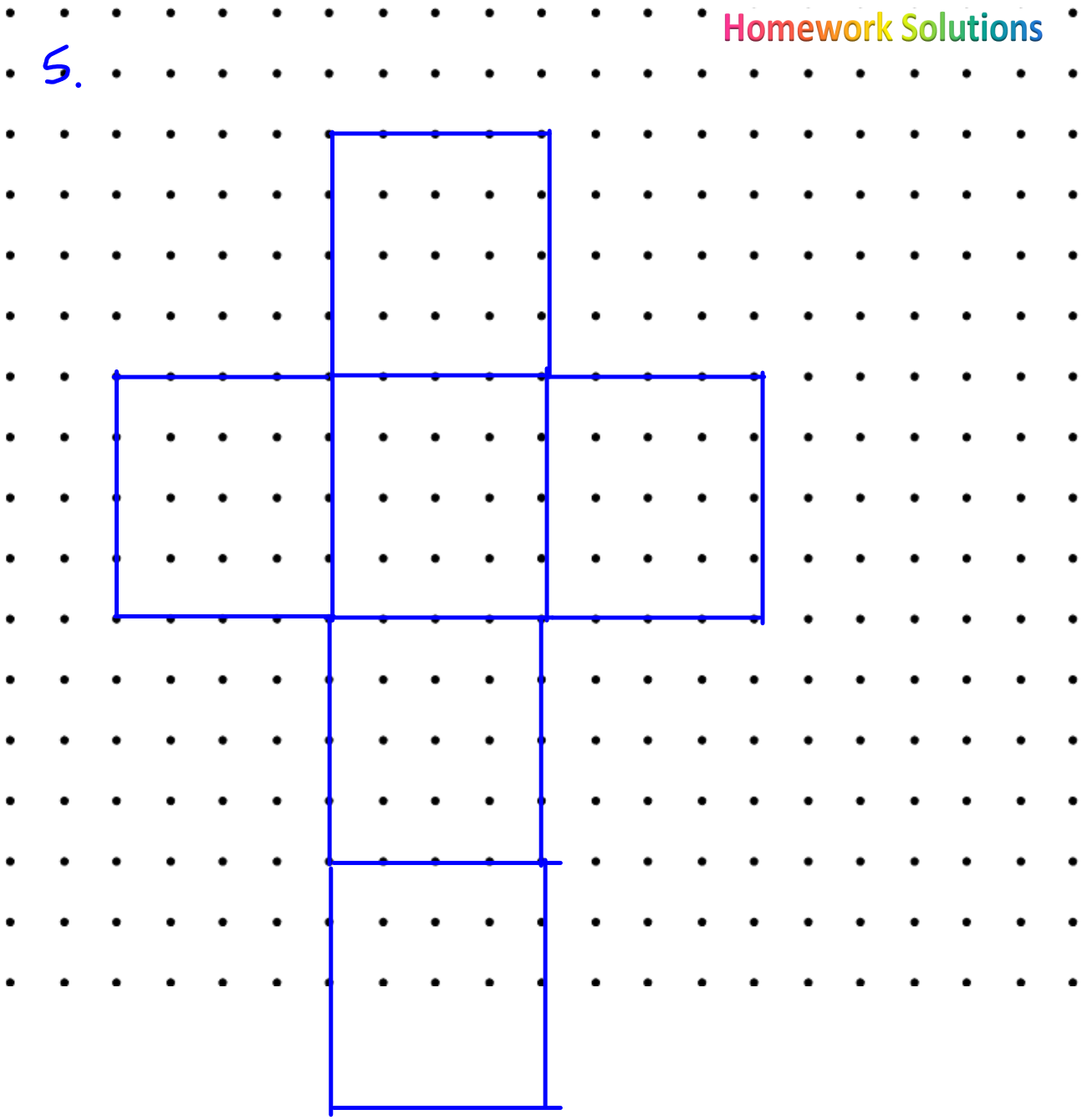
4.

Homework Solutions

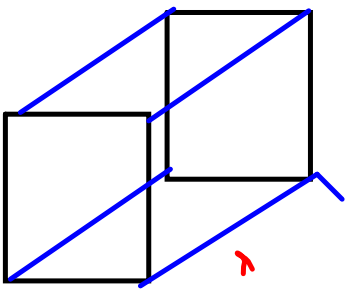


Homework Solutions

5.

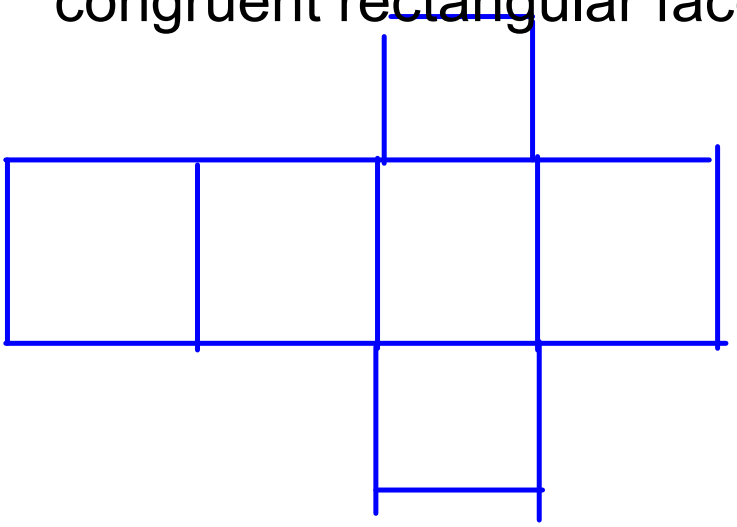


b.



The correct net is (a)

Needs 3 different pairs of congruent rectangular faces



(b) cannot be correct since it has 4 congruent rectangular faces and 1 pair of congruent faces. Also if you fold (b) the faces overlap and one ends remains open