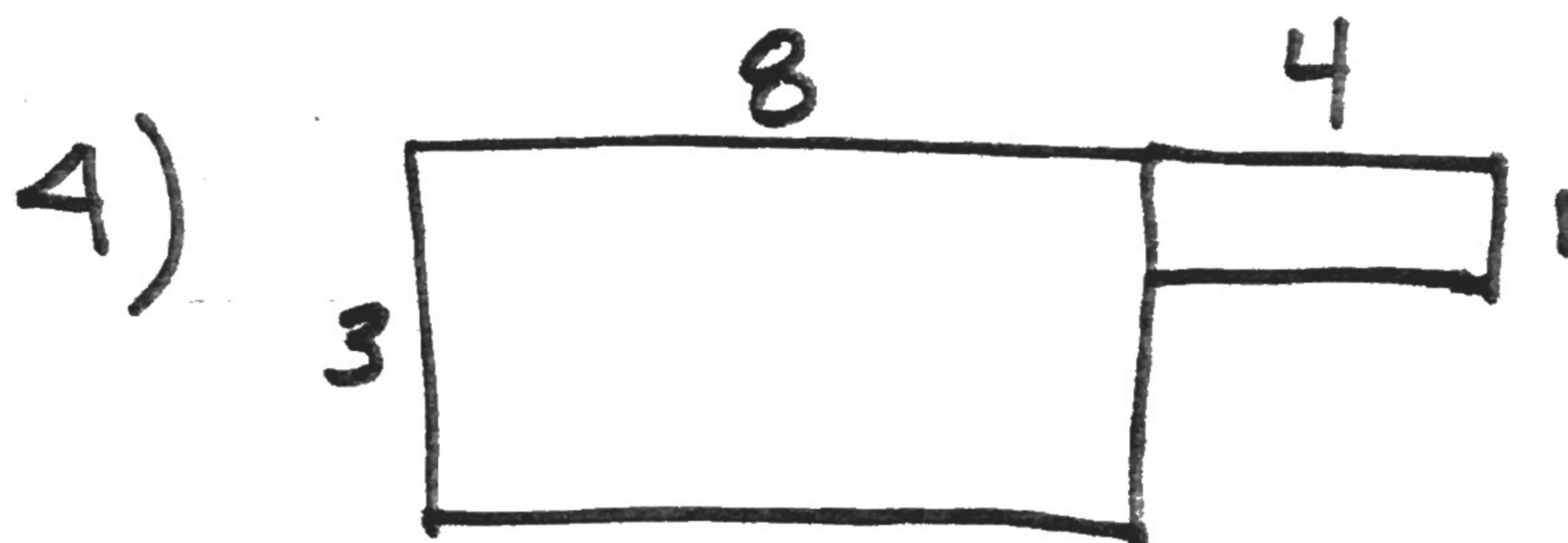
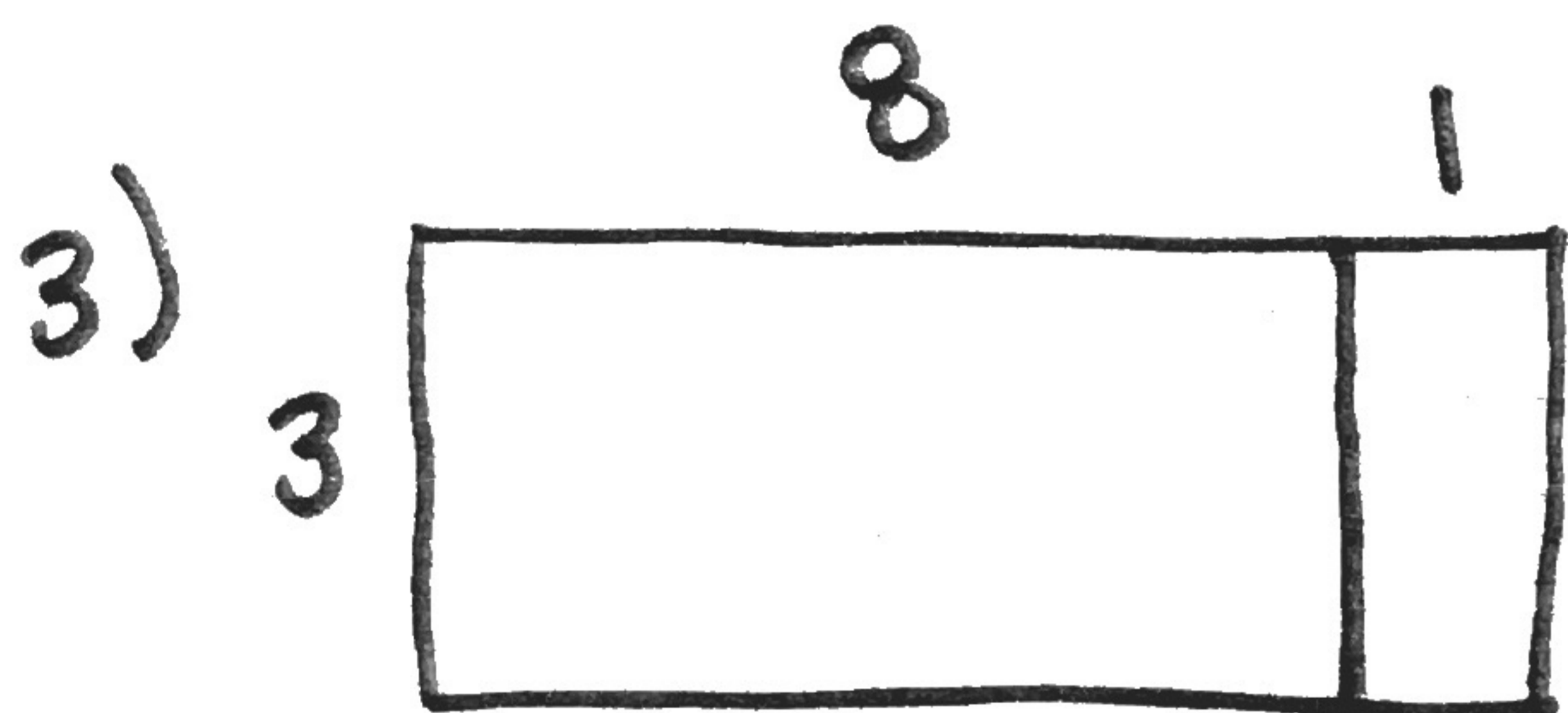
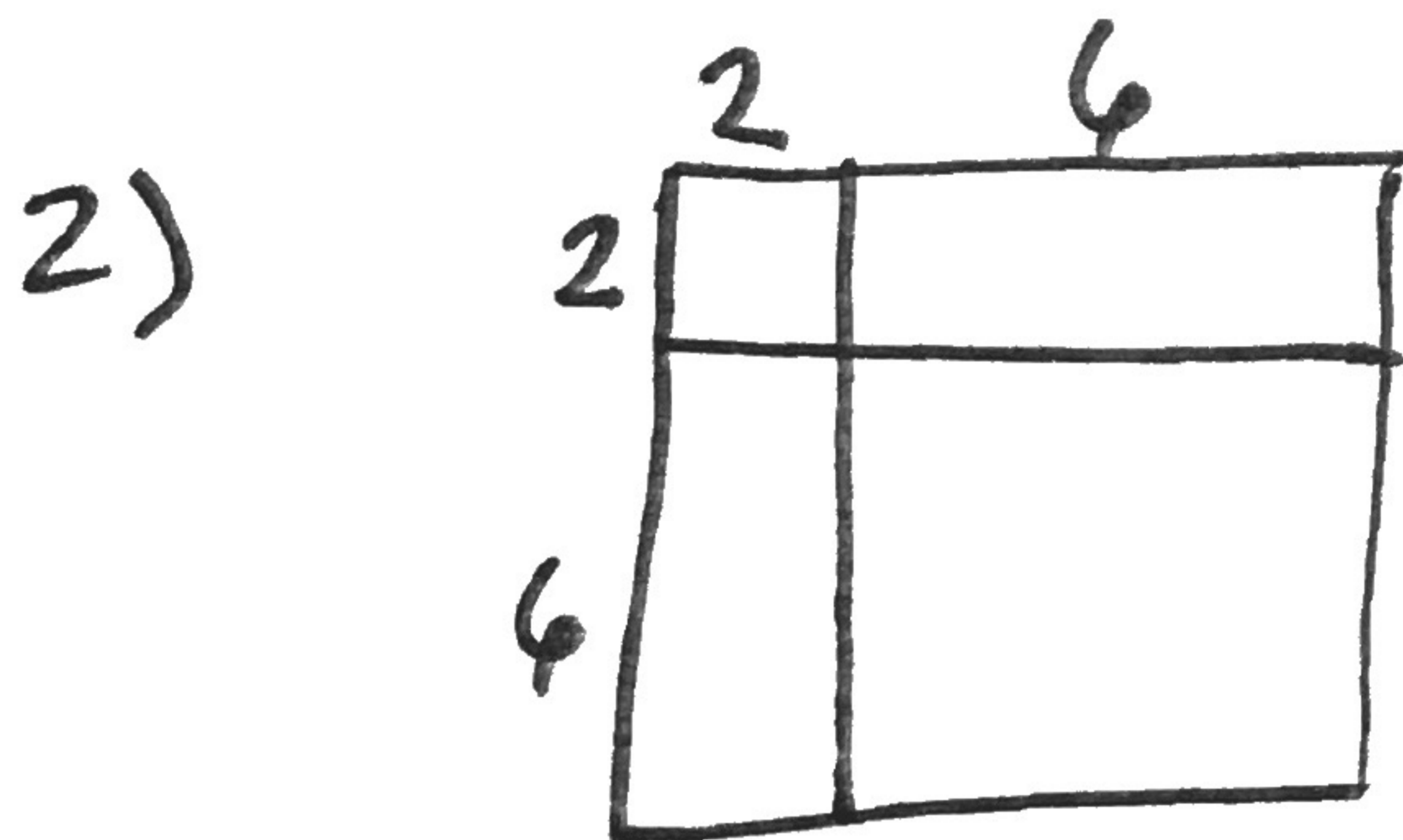
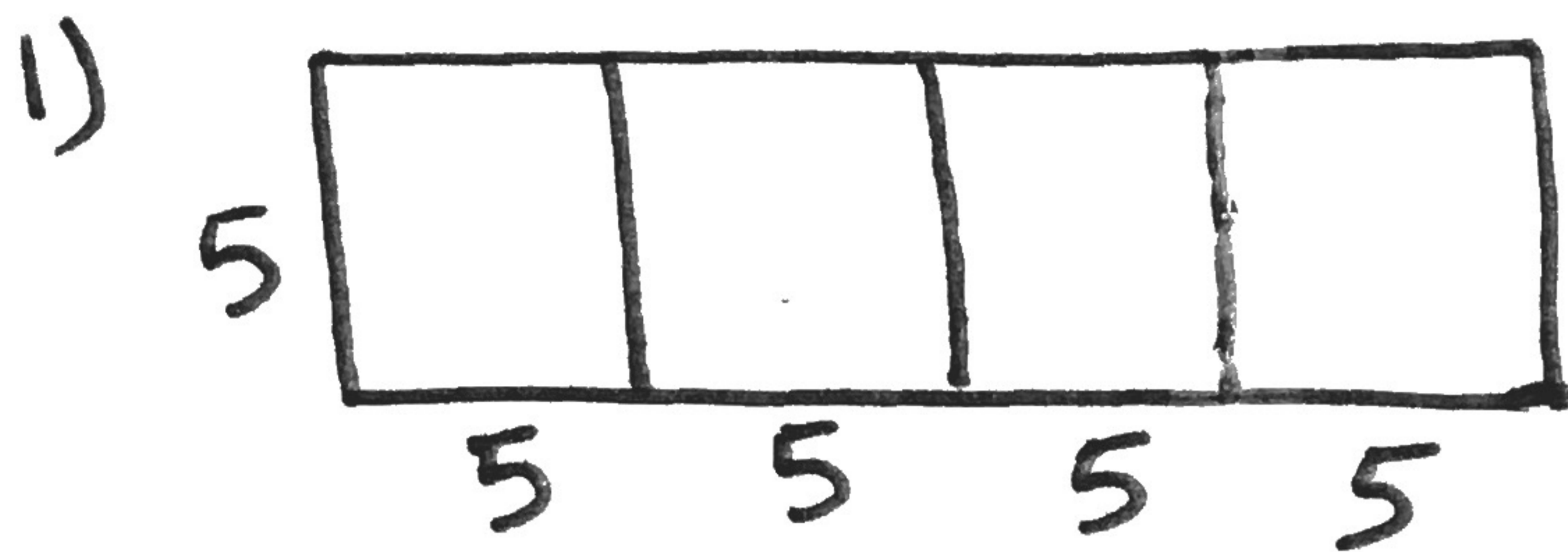


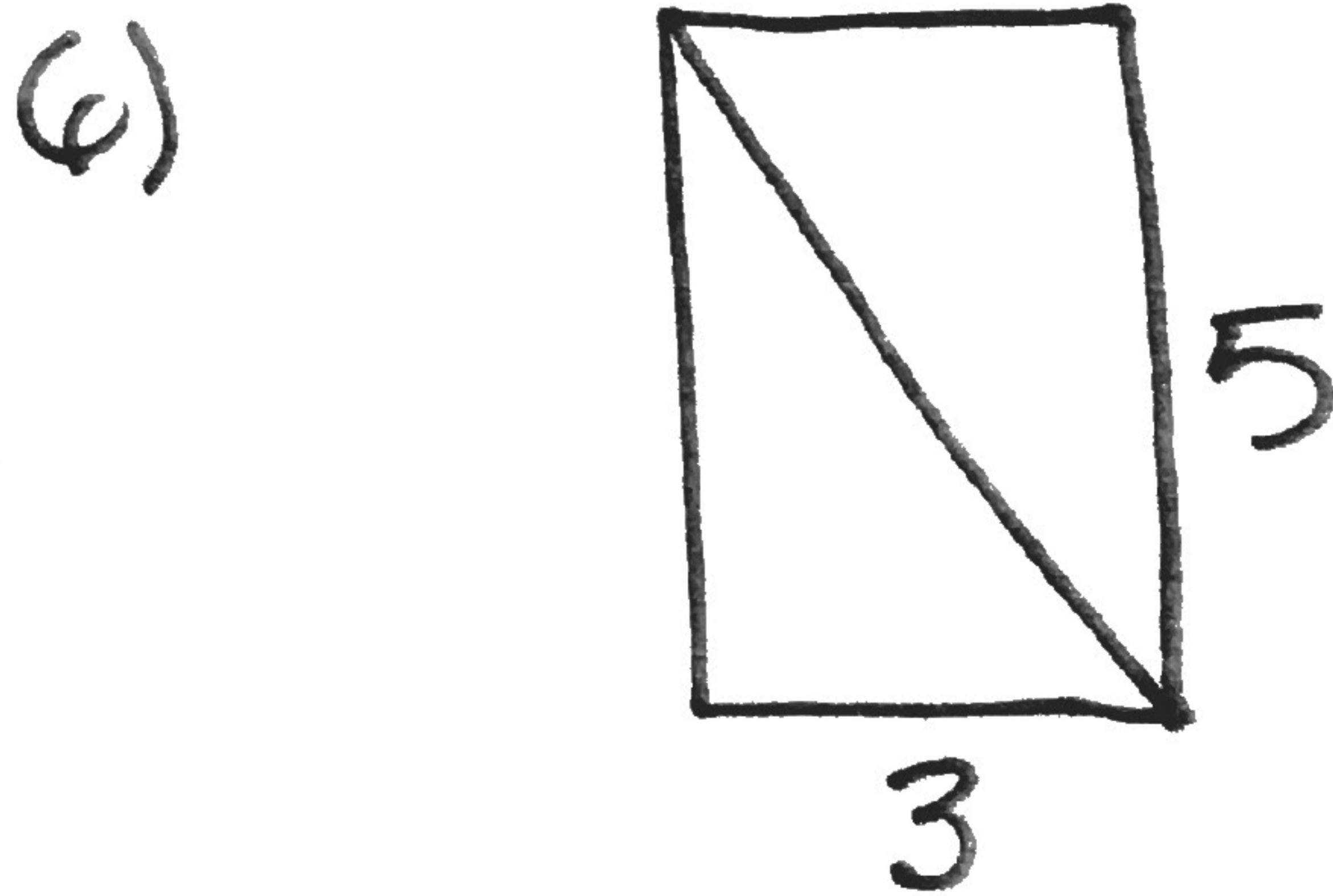
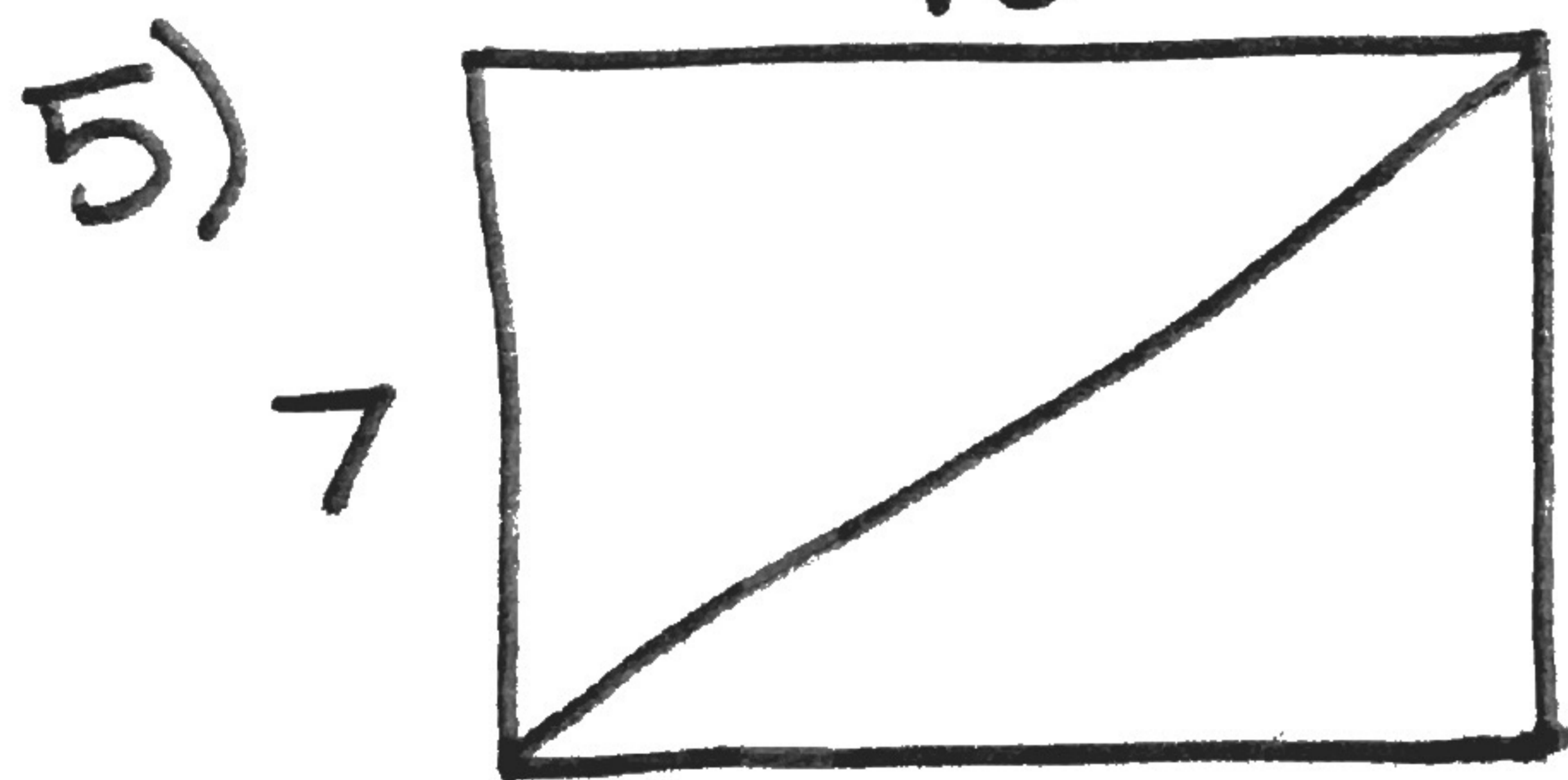
# SPIRAL # 9

NAME: 6<sup>th</sup> Grade

Write an expression for the compound area model.



Find the area of ONE of the triangles:



Multiply. Show work. Use cross-simplifying to help you.

$$1) \frac{63}{5} \times \frac{40}{9}$$

$$2) \frac{22}{40} \cdot \frac{4}{33}$$

$$3) \frac{30}{54} \left( \frac{6}{15} \right)$$

$$4) \frac{12}{35} \times \frac{5}{36}$$

$$5) \frac{6}{27} \cdot \frac{9}{42}$$

$$6) \frac{8}{7} \left( \frac{21}{48} \right)$$

$$7) \frac{3}{16} \times \frac{4}{33}$$

$$8) \frac{150}{100} \cdot \frac{300}{15}$$

Divide. Show your work! Write answers as decimals

1)  $2 \div 50$

2)  $9 \div 60$

3)  $6.3 \div 0.9$

4)  $0.17 \div 0.001$

5)  $14 \div 0.02$

6)  $300 \div 0.0005$

7)  $0.021 \div 0.3$

8)  $0.00077 \div 0.11$

# M-STEP Practice Review

The equations below have unknown numbers. Write fractions that will make the equation true.

①  $\square \div \frac{4}{5} = \frac{5}{2}$

②  $\frac{1}{2} \div \square = \frac{5}{6}$

③ A recipe calls for  $\frac{1}{4}$  cup of brown sugar for a cake. What is the maximum number of cakes that can be made with  $3\frac{3}{4}$  cups of brown sugar?

④ A recipe calls for  $\frac{2}{3}$  tsp of vanilla for a pie. What is the maximum number of pies that can be made with 4 tsp of vanilla?

Fill in the missing value in the tables.

⑤

x	y
3	18
	42
13	
20	120

⑥

x	y
27	
	5
63	9
81	9