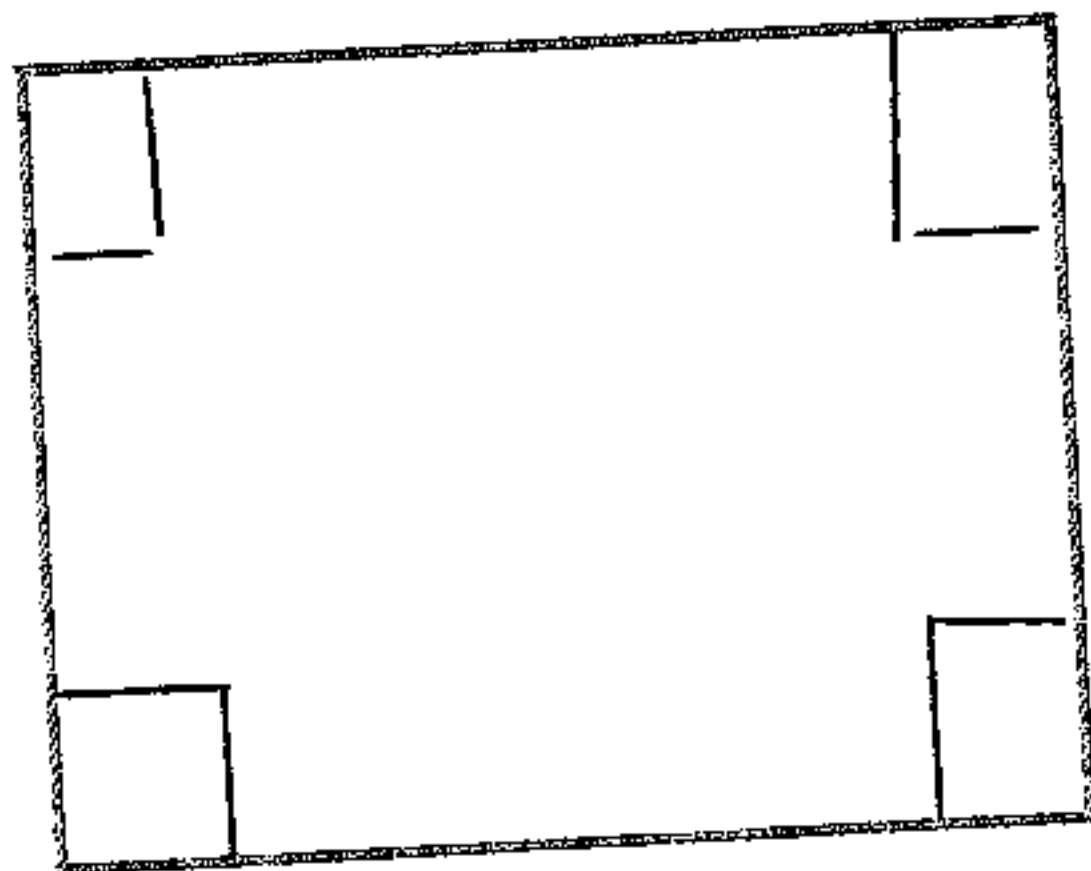
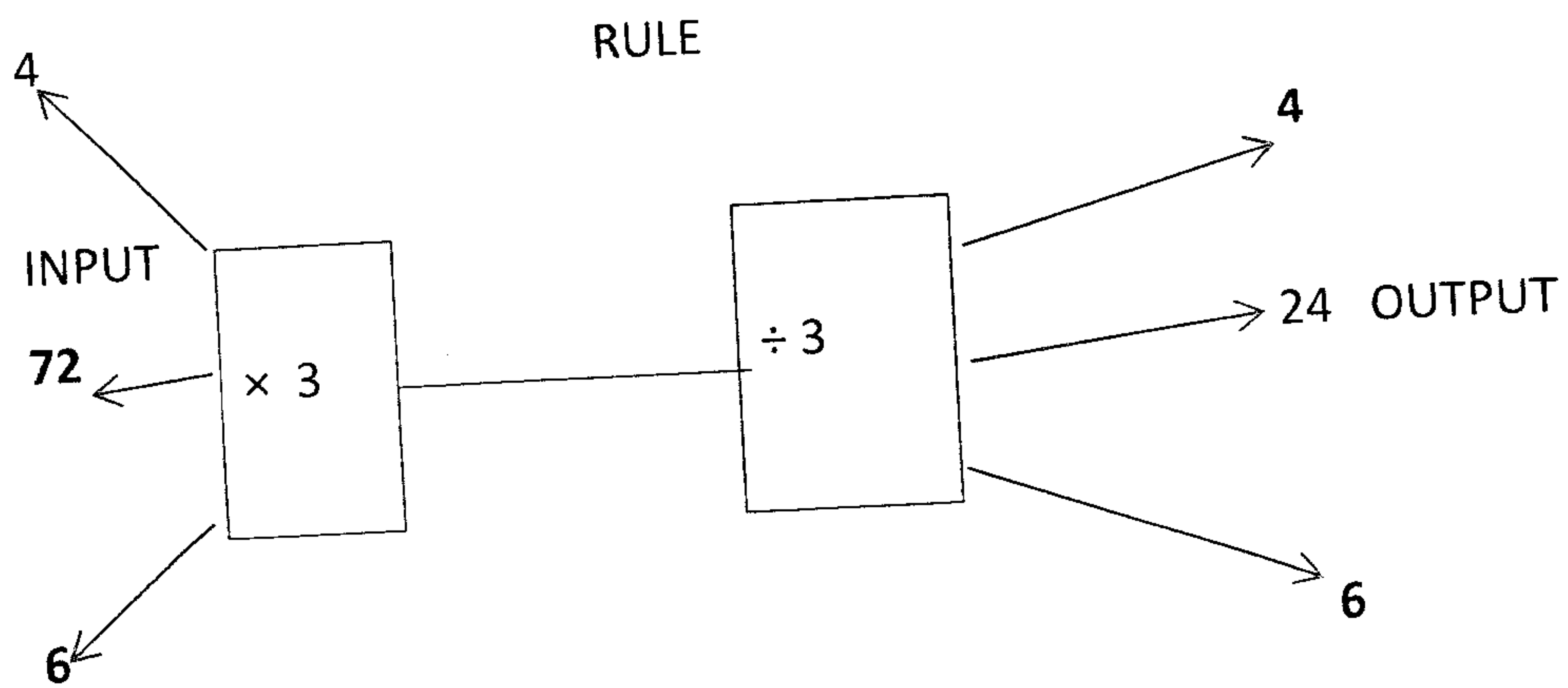


Indicate the right angles on the following shape.



2. Complete the flow diagram below.



3. Calculate fraction of many

a) $\frac{7}{8}$ of 48 kg = $\frac{7}{8} \times 48 = 48 \div 8 = 6 \times 7 = 42$ kg

b) Which is more: $\frac{1}{2}$ of 24; $\frac{2}{4}$ of 24; $\frac{3}{6}$ of 24?

$$\frac{1}{2} \times 24 = 12 \quad ; \quad \frac{2}{4} \times 24 = 12 \quad ; \quad \frac{3}{6} \times 24 = 12$$

Therefore they are all equal

4. Find the missing number (equivalent fractions)

a. $\frac{1}{3} = \frac{4}{12}$

b) $\frac{1}{6} = \frac{2}{12}$

5. Calculate the following

$$\text{a) } \frac{7}{11} + \frac{4}{11} = \frac{11}{11} = \mathbf{1 \text{ WHOLE}}$$

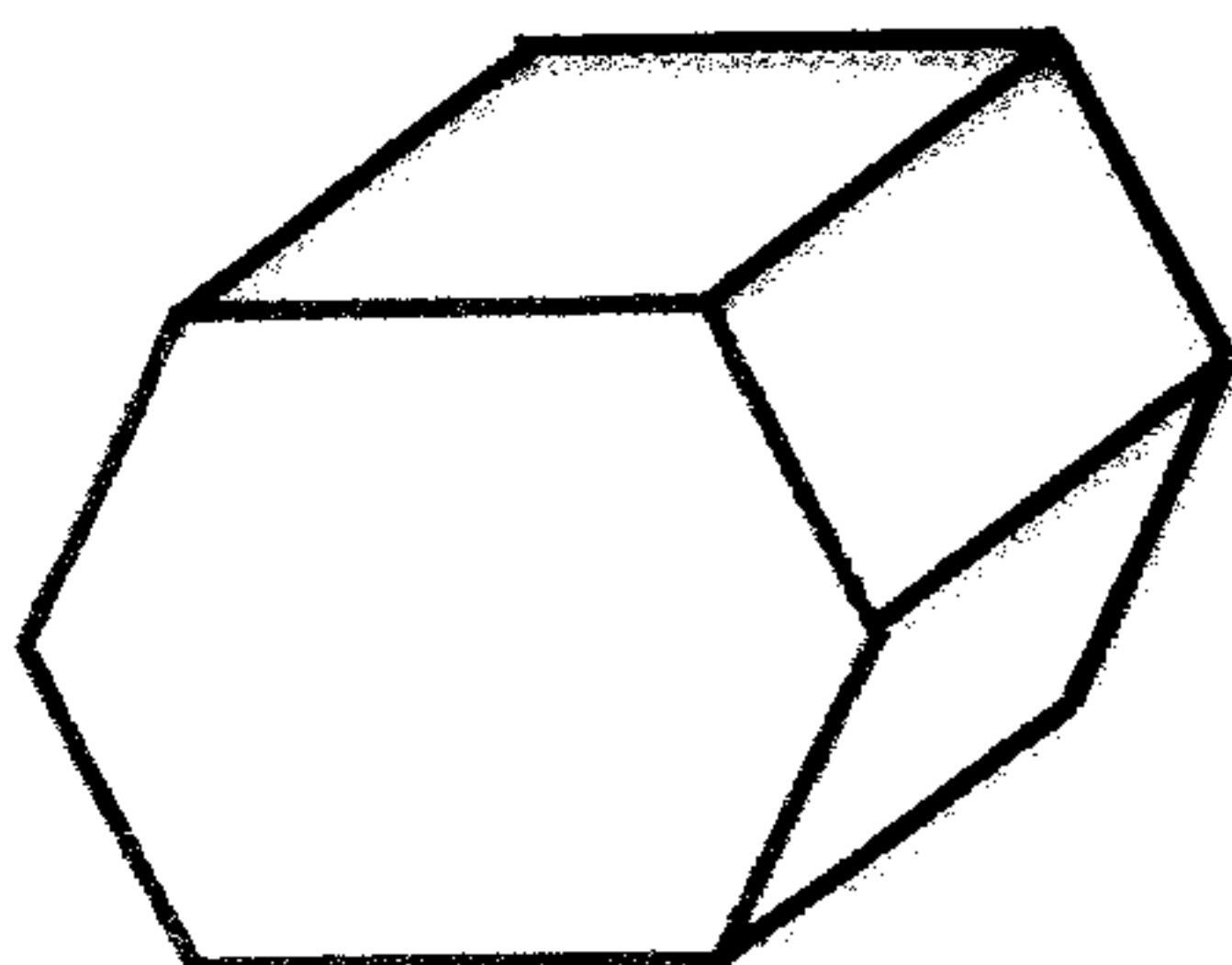
$$\text{b) } \frac{11}{12} - \frac{9}{12} = \frac{2}{12} = \frac{1}{6}$$

Danie owns a tuckshop at a local school. He sells 33 packets of chips per day. How many does he sell in a school year that has 197 days in it?

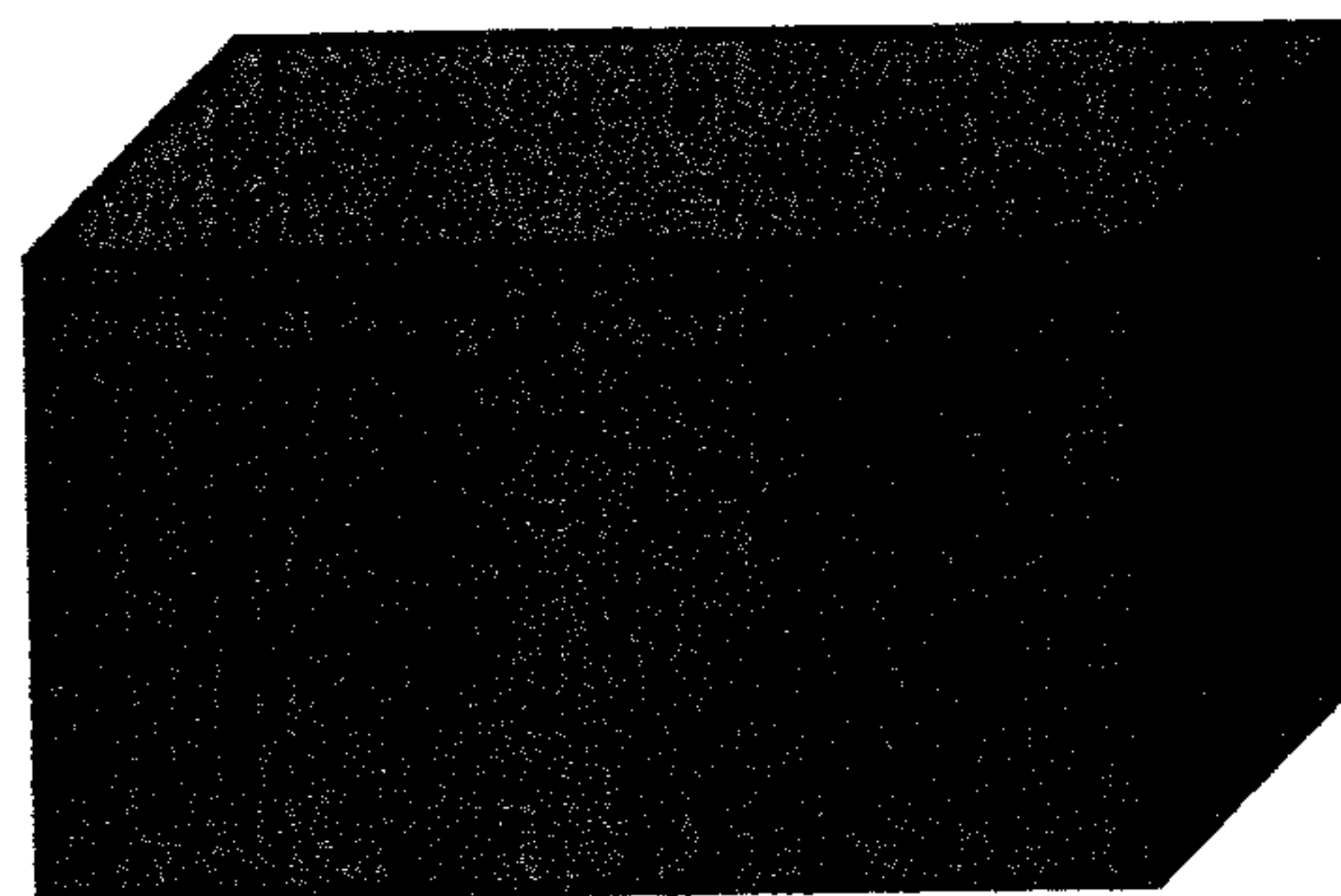
$197 \times 33 = 6\ 501$: (Use the method shown in worksheet 3)

2. Study the following 3D objects and answer the questions that follow.

a)

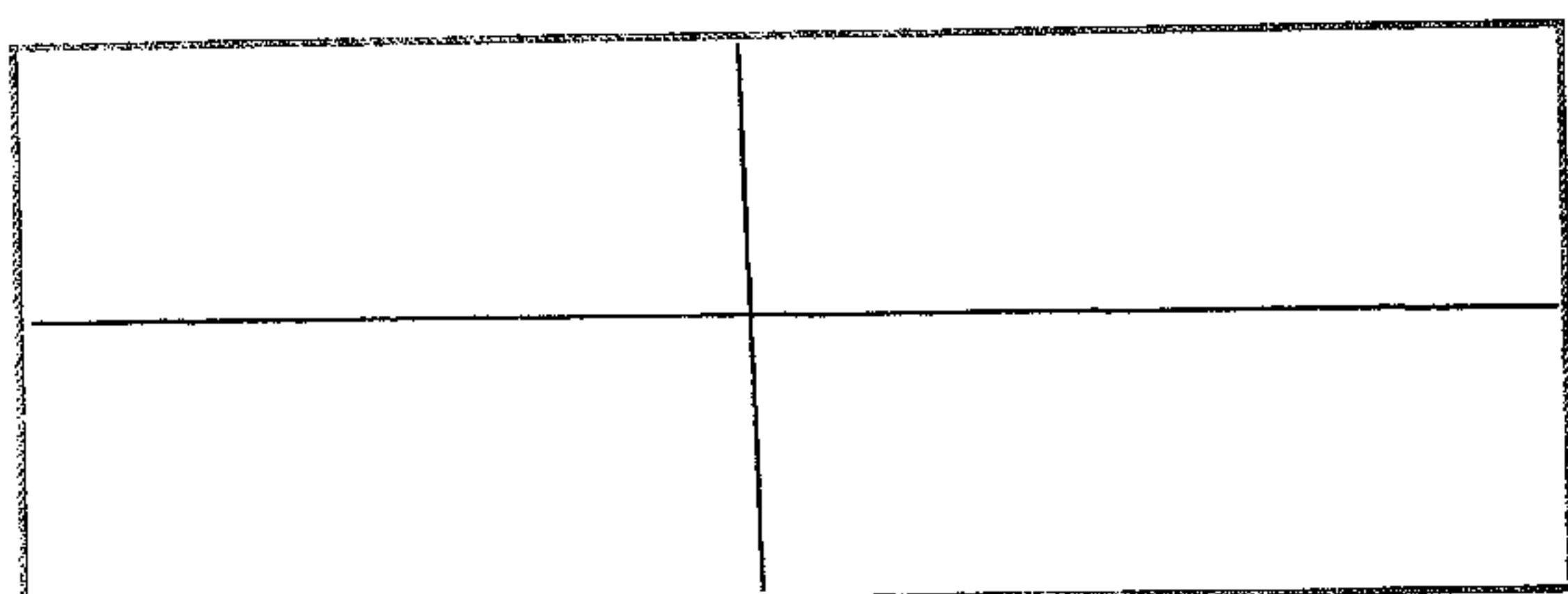


b)



NAME OF OBJECT	NUMBER OF FACES	SHAPE OF FACES
a) Hexagon based prism / Hexagonal prism	8	Hexagons and rectangles
b) Rectangular prism	6	Rectangles only / Rectangles and squares

e. Draw lines of symmetry on the following shape.

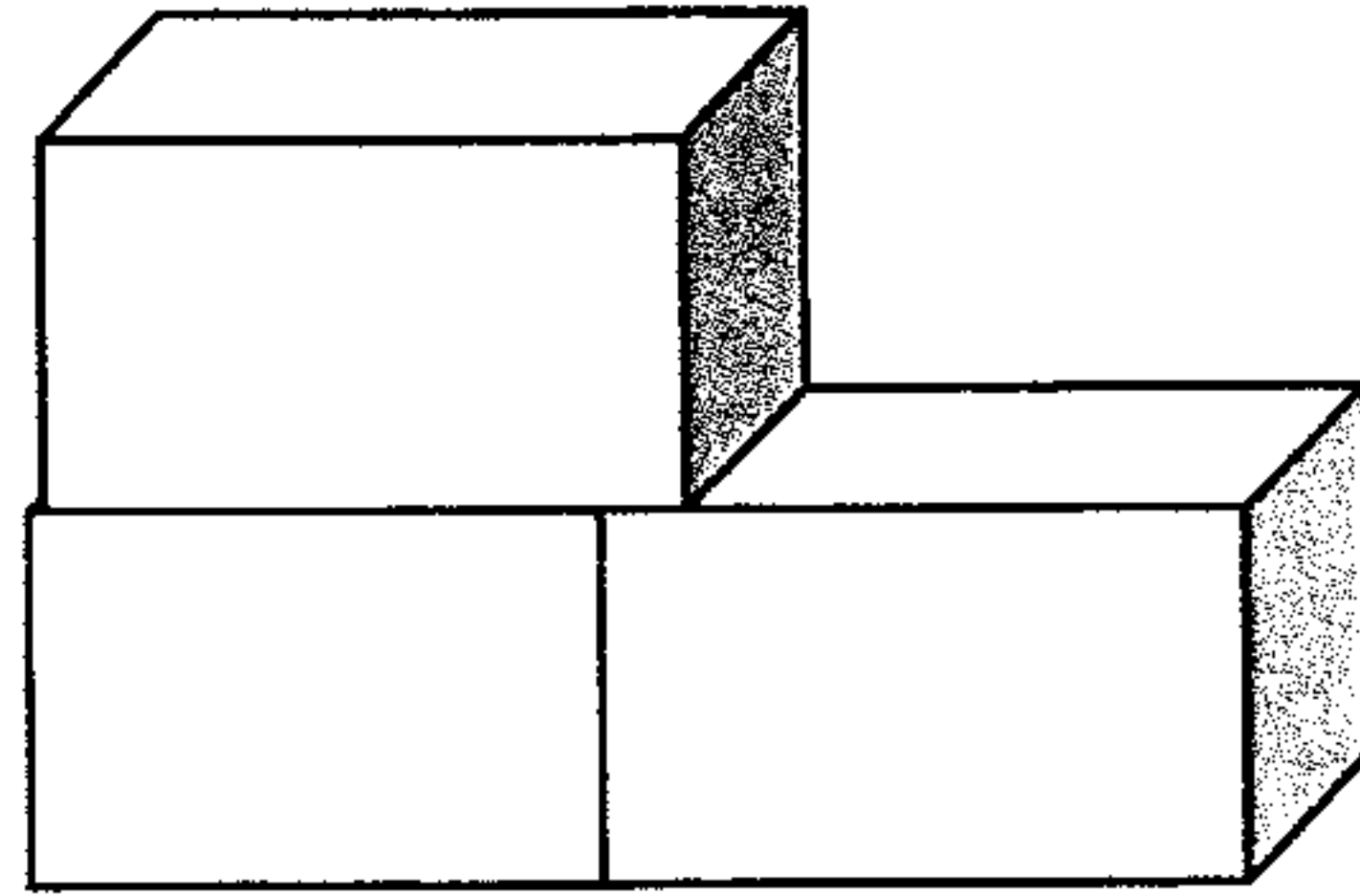


2 lines of symmetry

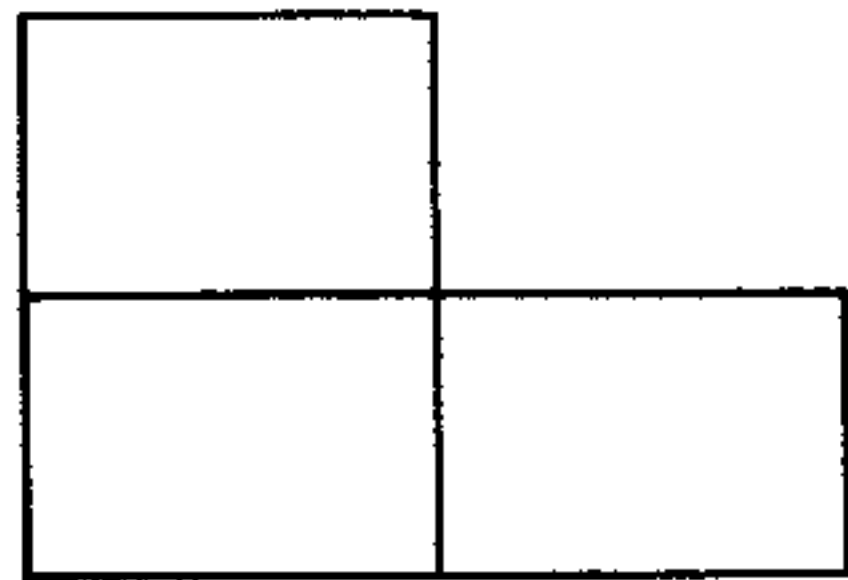
1. Look at the structure made of building blocks.

John took photos of the structure from different positions. He took from the top, front and right side.

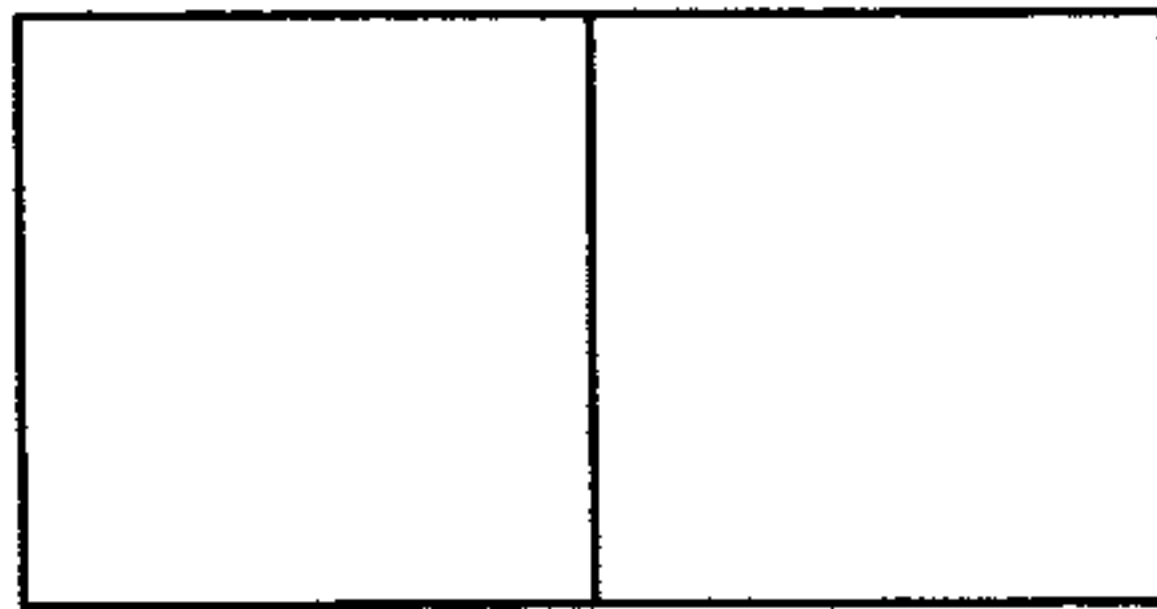
Complete the following sentences about the views of the structure.



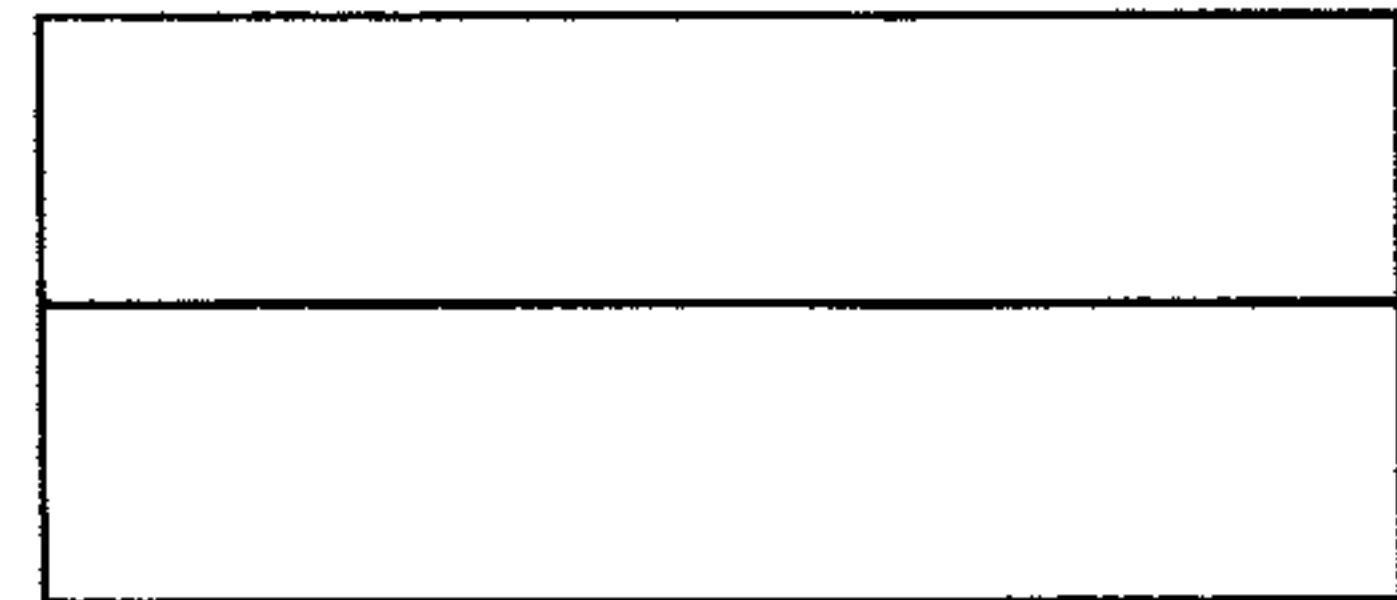
Front view



Top view



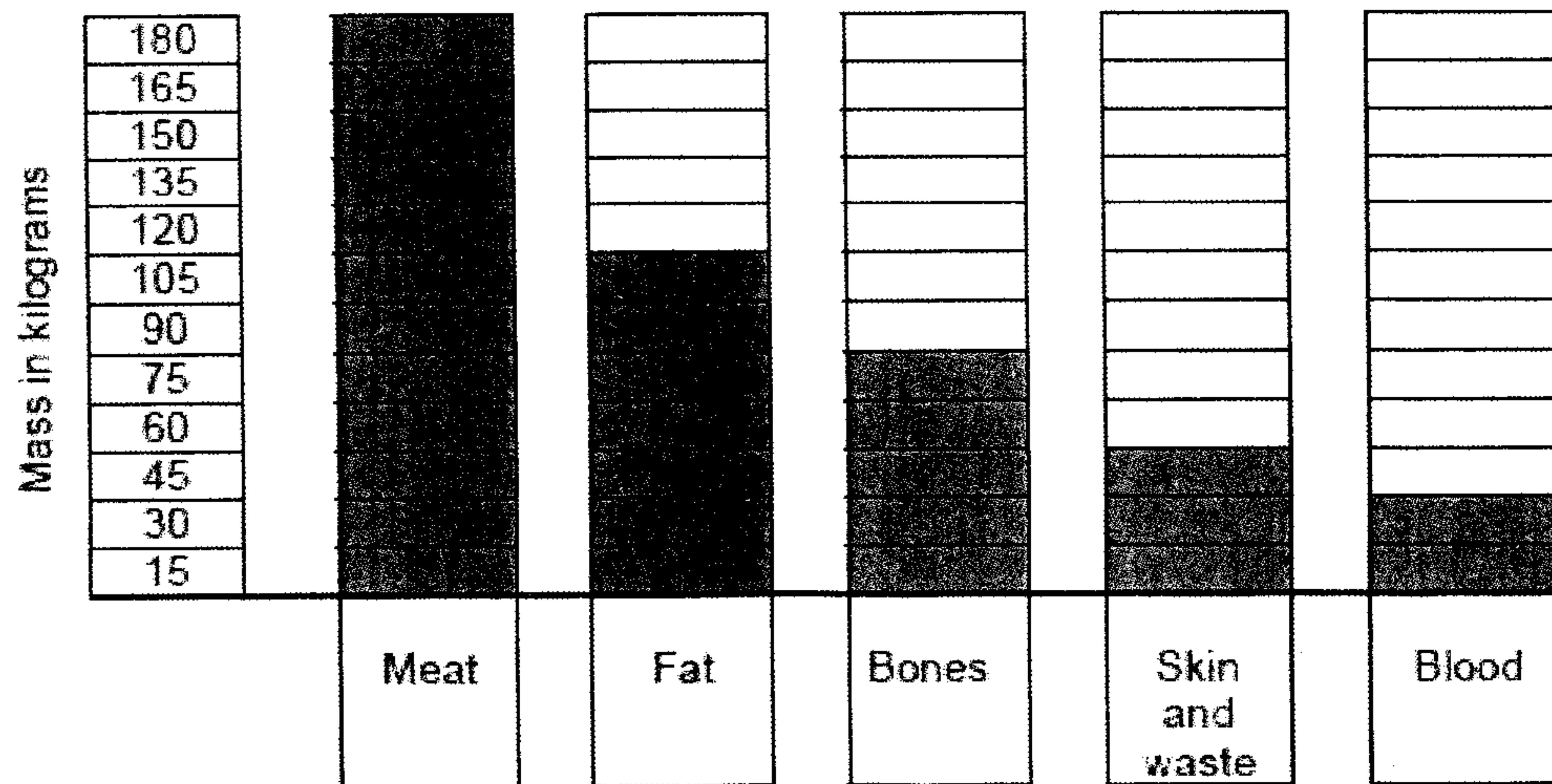
side view



2. A farmer used a bar graph to record the number of kilograms of meat from his ox.

Use the bar graph to answer questions that follow.

Meat products from the ox



b. How many fewer kilograms of bones were there than of fat?

Fat = 105kg

Bone = - 75kg

Difference = 30kg

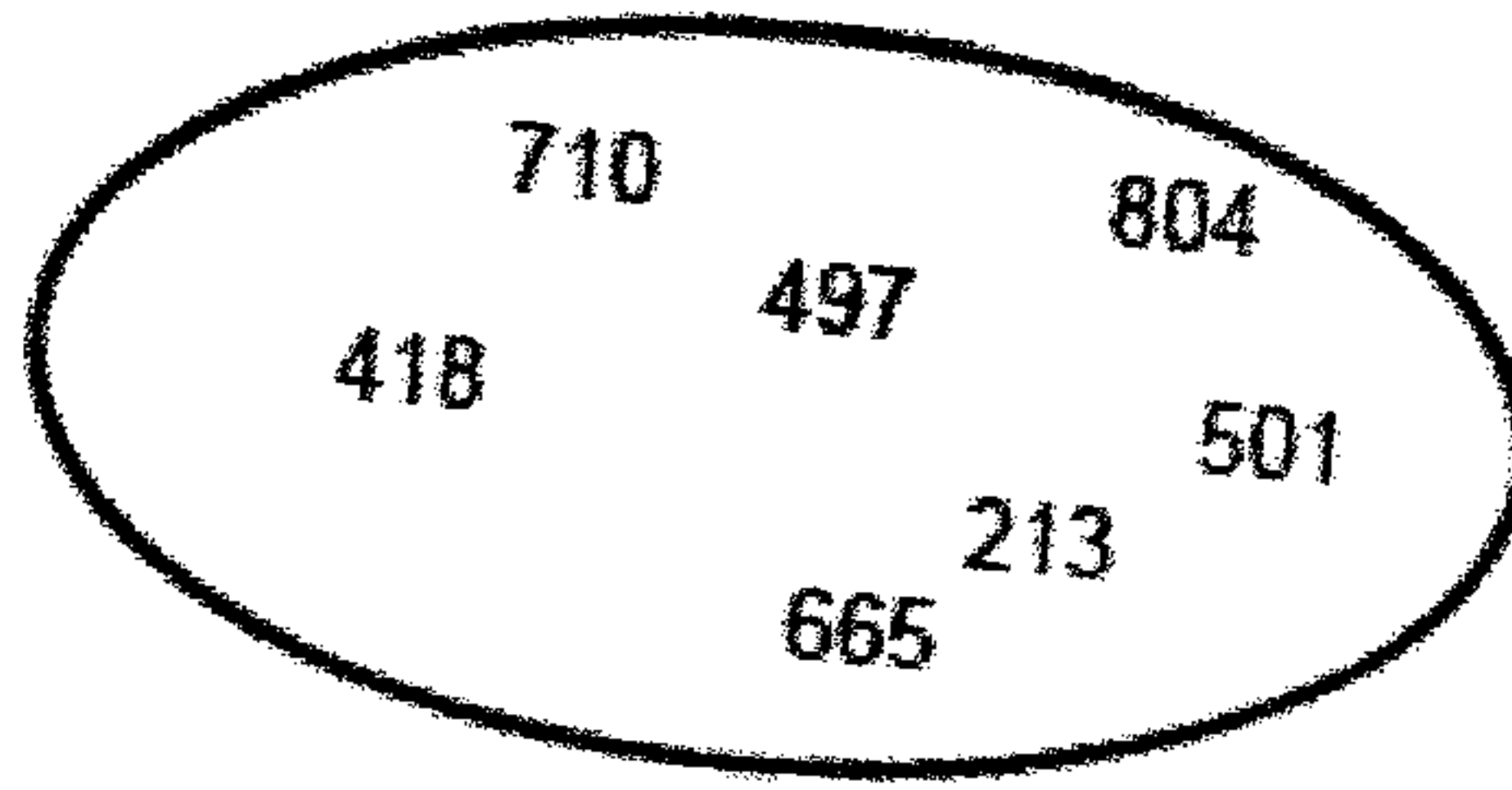
c. How much skin, waste and blood were there in grams?

Skin and waste = 45kg

Blood = +30kg

Total = 75kg

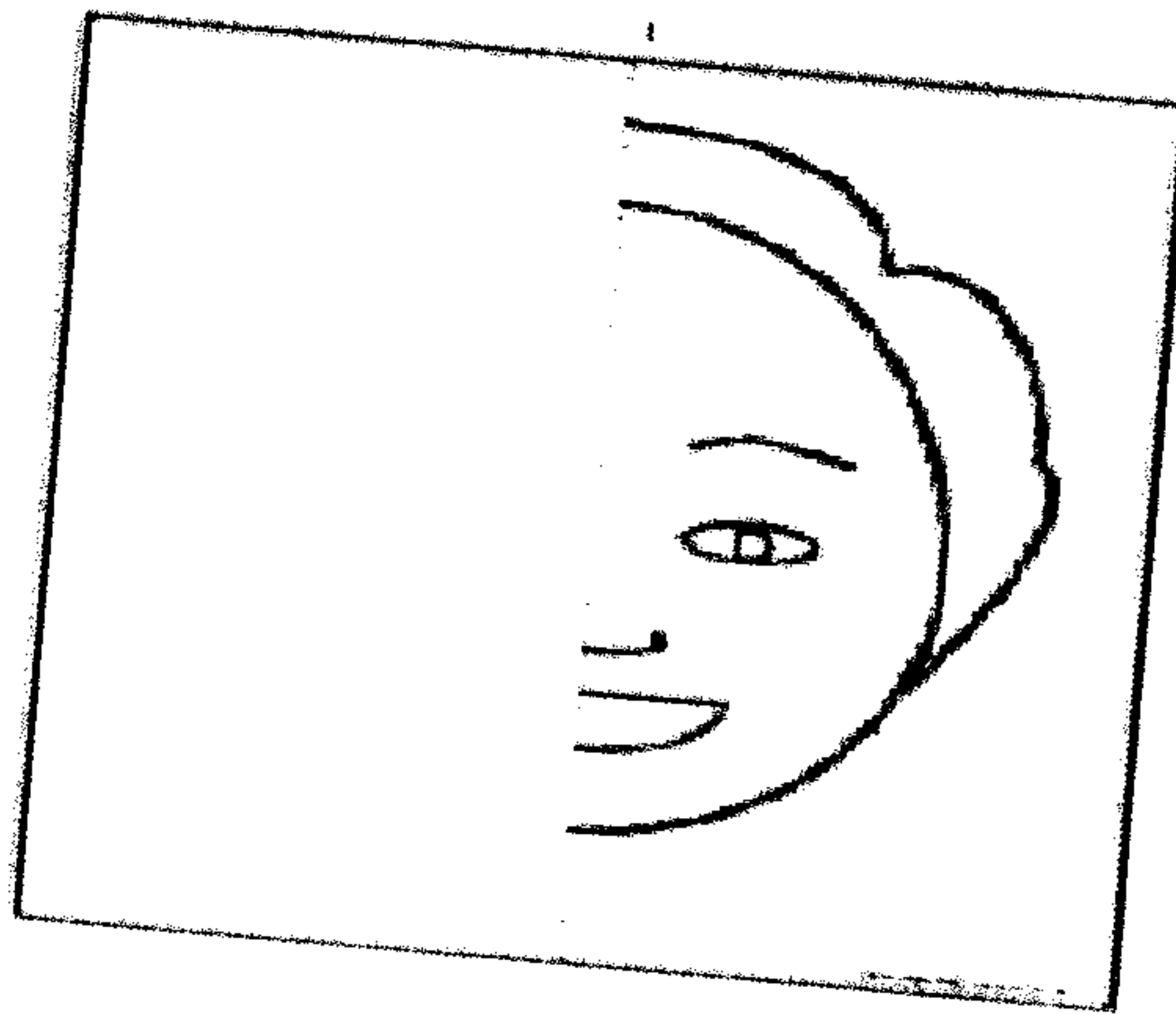
1. Draw a triangle around all odd numbers and a circle around all even numbers



Odd numbers = 497, 501, 213, 665

Even numbers = 710, 804, 418

2. Complete the reflection by drawing the image.



Construct a human face

$$\begin{aligned}
 3. \quad 2\frac{3}{4} + 7\frac{2}{4} &= \\
 &= 2 + 7 = 9 \\
 \frac{3}{4} + \frac{2}{4} &= \frac{5}{4} \\
 &= 10\frac{1}{4}
 \end{aligned}$$

$$\begin{aligned}
 b. \quad 9\frac{5}{12} - 6\frac{7}{12} &= \\
 &= 8 - 6 = 2 \\
 &= \frac{17}{12} - \frac{7}{12} = \frac{10}{12} \\
 &= 3\frac{10}{12} = 3\frac{5}{6}
 \end{aligned}$$

4. A rope is 3 m long. A piece $1\frac{3}{4}$ m is cut off.

a. How much of the rope is cut off?

$$3\text{m} - 1\frac{3}{4} =$$

$$\frac{12}{4} - \frac{7}{4} = \frac{5}{4}$$

$$1\frac{1}{4}$$

b. How many pieces of $\frac{1}{2}$ m are left over?

$$1 = \frac{1}{2} + \frac{1}{2}$$

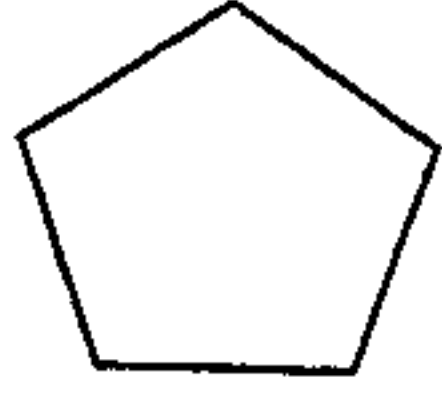
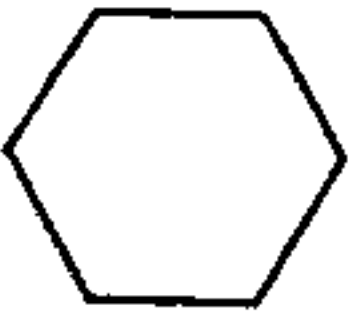
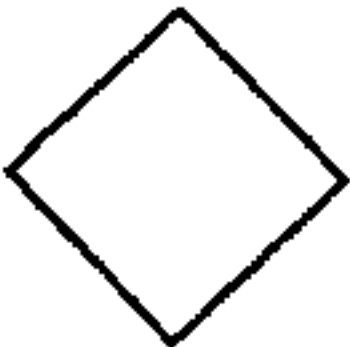
= Two halves and $\frac{1}{4}$ is left.

Grade: 5

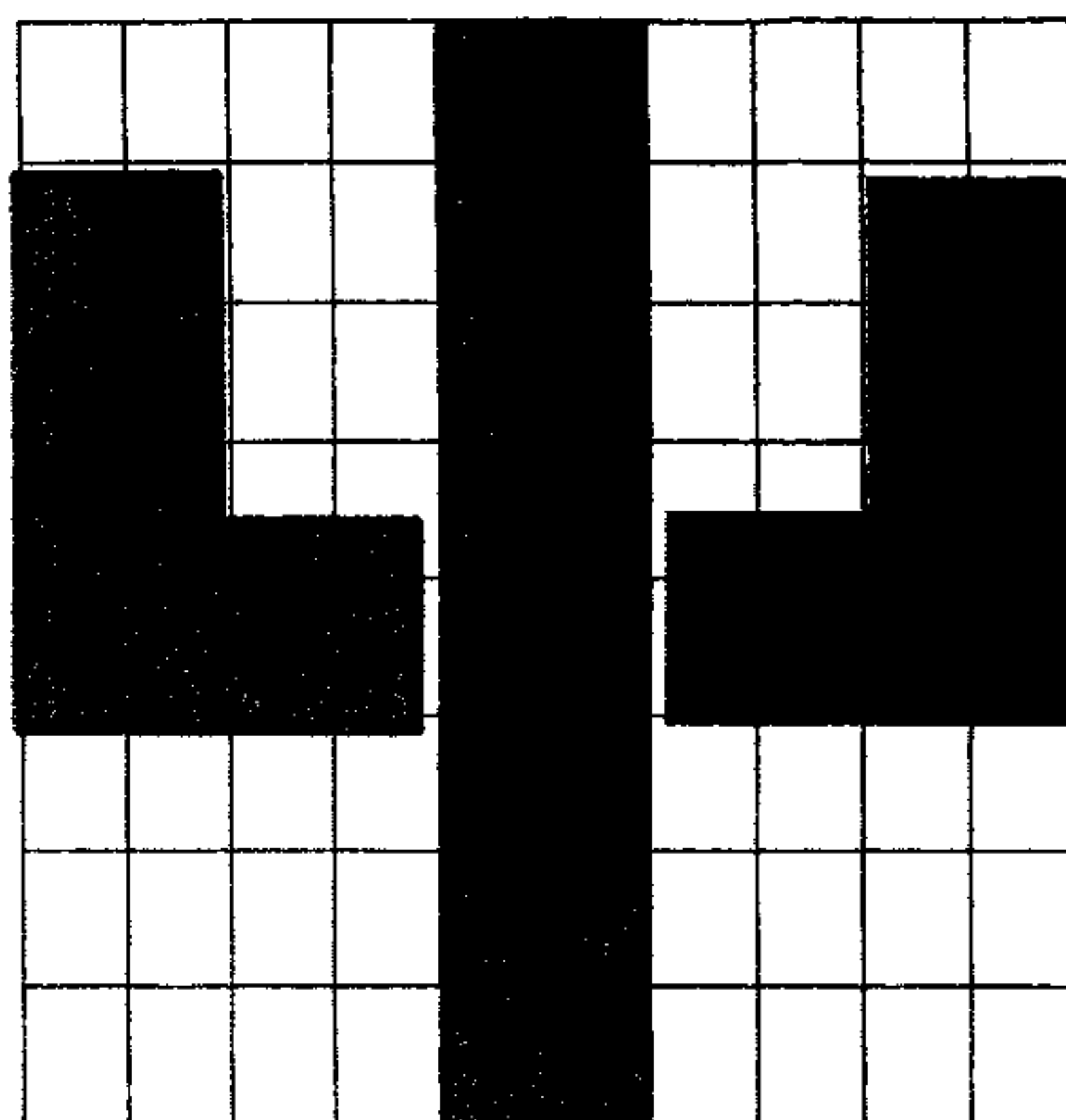
Mathematics:

WORKSHEET 10: Memorandum

1 Recognise and name the 2D shapes.

SHAPE	NAME	NUMBER OF SIDES	NUMBER OF ANGLES
	Pentagon	5	5
	Hexagon	6	6
	Rhombus	4	4

- 2 14. Draw a figure on the right – hand side of the shaded line so that it reflects the figure on the left – hand side of the dotted line.



- 3 How many matches are needed in the 4th shape? **8 match sticks**



- 4 Mrs Abrahams, a teacher at Dinwiddie Primary School, is making booklets for all the grade 5 classes. She has to record how much paper she has used. If there are 145 learners in grade 5, each book consists of 27 pages, what is the total amount of pages used?

Number of learners	=	145
Pages per book	= ×	27
Total pages	=	1015
	+ <u>2900</u>	
		<u>3915</u> pages

- 5 How many times can you subtract 48 from 720?

15 times

48	720
-48	240
-240	0

- 6 98 learners enter a cross-country race. Each learner gets 340ml of energy drink. How many ml of energy drink do they need for all the runners?

Energy drink	=	340ml
Number of learners	= ×	98
Total	=	2 720
	+ <u>30 600</u>	
		<u>33 320m</u>

7 Convert the above millilitres to litres.

$$33\,320 \div 1\,000 = 33,32 \text{ litres}$$

NB : Simply move your comma three places to the left.