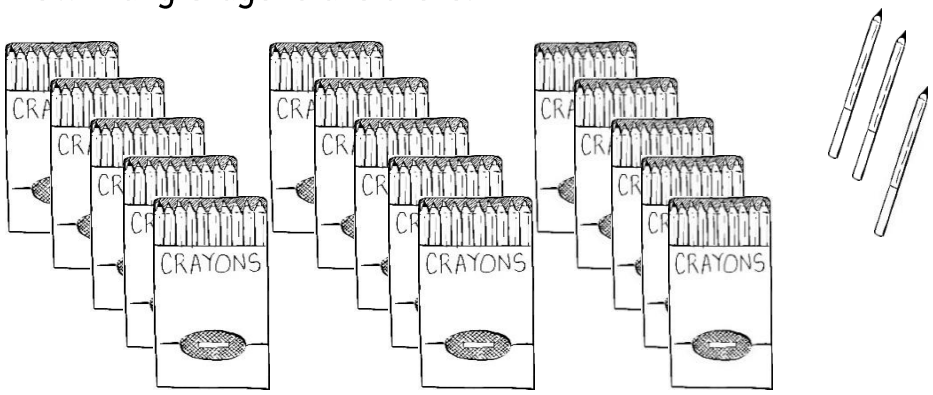
Name:_____ Class:_____

- Complete all answers on this question paper.
- Calculators may not be used.

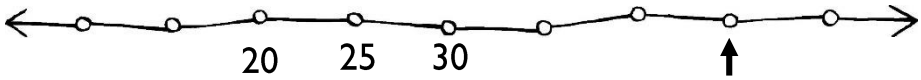
1. How many crayons are there?



_____ crayons (1)

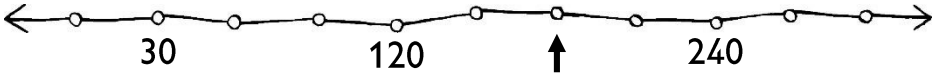
2. What numbers do the arrows point to?

a)



(1)

b)



(1)

3. Write the number symbol for one thousand and twenty-five.

(1)

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4. Complete. *Fill in the answer only.*

a) 746 = 700 + _____ + 6 (1)

b) 25 × 10 = _____ (1)

c) 9 000 + _____ = 13 000 (1)

d) 1 100 – 1 = _____ (1)

e) $1\frac{1}{2}$ + _____ = 2 (1)

5. Calculate. *Show your working.*

a) 57 + 225

(2)

b) 62 – 35

(2)

6. Mr Slebi buys 90 apples. He fills 5 bags so that each bag has the same number of apples in it.

How many apples did he put in each bag? *Show your working.*

_____ apples (2)

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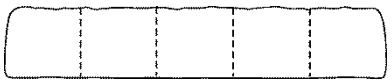
7. This chocolate bar is cut into equal pieces. What is each piece called?



(1)

8. Three friends share 10 chocolate bars equally. How much does each friend get? *Show your working.*

_____ chocolate bars (2)

9. What is bigger, 1-third of a chocolate bar or 1-sixth of a chocolate bar? (1)

10. Mrs Dall needs 1-third of a cup of nuts to make one muffin. She has 5 cups of nuts. How many muffins can she make? *Show your working.*

_____ muffins (2)

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11. Ben has between 20 and 30 marbles.

- If Ben counts his marbles in 4s, there are two marbles left over.
- If Ben counts his marbles in 5s, there is one marble left over.

Determine exactly how many marbles Ben has. *Show your working.*

_____ marbles (2)

12. Owami is making pictures with dots. Her pictures make a pattern.

Picture 1 Picture 2 Picture 3

a) Draw Picture 4 in the pattern.

(1)

b) How many dots did Owami use to make Picture 4?

_____ dots (1)

c) Determine how many dots Owami will use to make Picture 10. *Explain how you get your answer.*

_____ dots (2)

d) Determine which picture in Owami's pattern will have exactly 16 dots.

Picture _____ (1)

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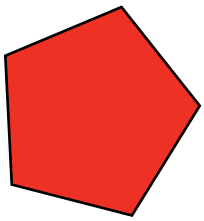
13. What is the name of this shape? *Tick the correct option.*

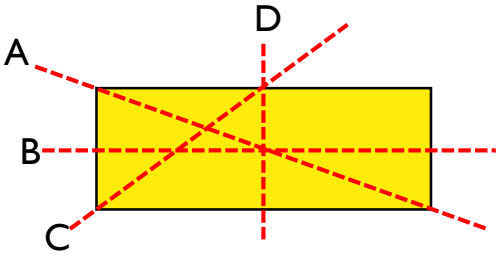


☐ square ☐ octagon

☐ hexagon ☐ circle

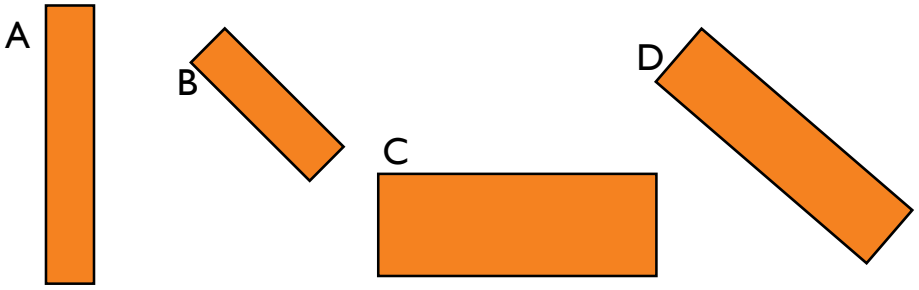
☐ pentagon (1)

14. Tick all the lines that are lines of symmetry of the rectangle.



☐ A ☐ B ☐ C ☐ D (1)

15. Which rectangle (A, B, C or D) is the same as the black one?



☐ A ☐ B ☐ C ☐ D (1)

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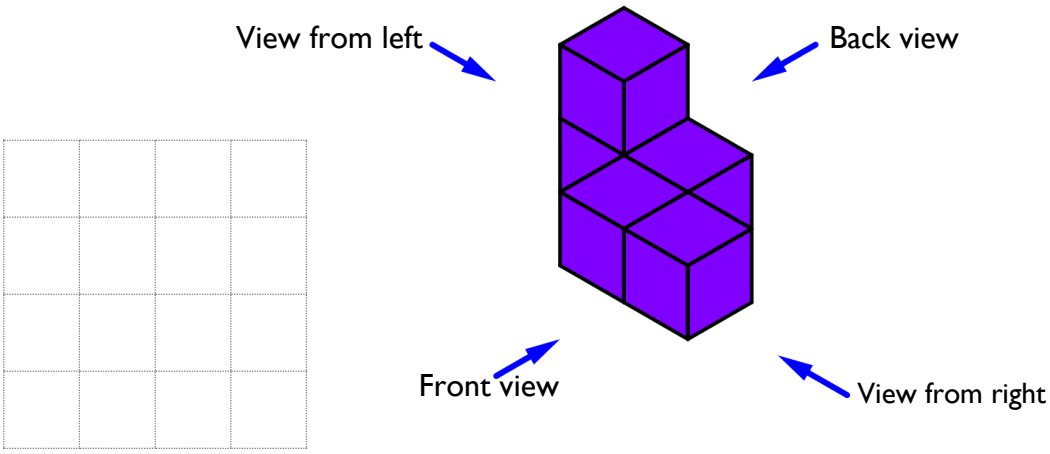
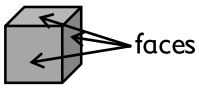
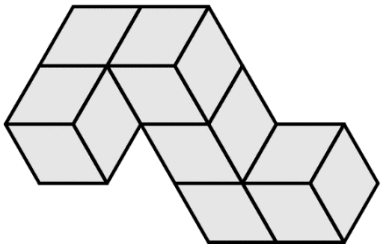
16. On the square grid, draw the view from the right of this arrangment of blocks.



(1)

17. A cube has 6 faces.





This object is made by gluing together six wooden cubes. If you paint the object, how many faces will you paint? *Show your working,*

_____ faces (2)

18. Which temperature describes the inside temperature of a working fridge? *Tick the best option.*

☐ 0°C ☐ 14°C ☐ 72°C

☐ 4°C ☐ 30°C ☐ 100°C (1)

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19. Which unit of measurement would you use to measure the length of a soccer field? *Tick the best option.*

☐ metre ☐ centimetre

☐ millimetre ☐ kilometre (1)

20. What time is showing on this watch? *Tick the best option.*

☐ 10 o'clock

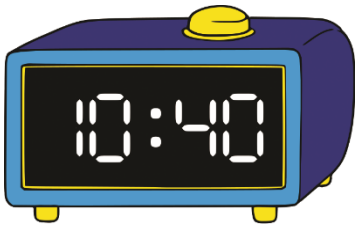
☐ 4 o'clock

☐ 20 minutes past 10

☐ 10 minutes past 4

☐ 4 minutes past 10 (1)

21. What time is showing on this clock? *Tick the best option.*



☐ 20 minutes to 11

☐ 40 minutes past 11

☐ 20 minutes past 10

☐ 40 minutes past 9 (1)

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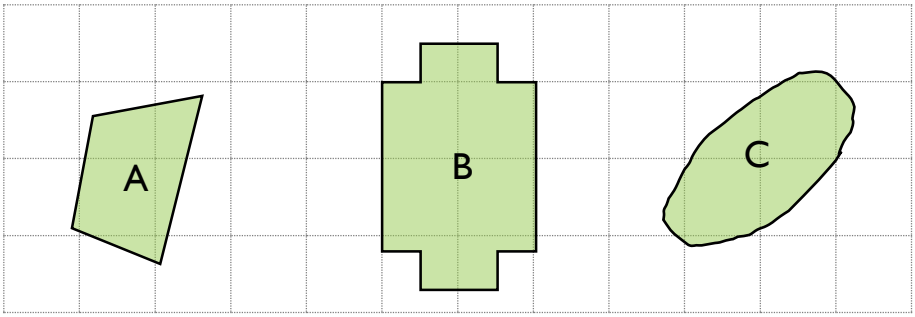
22. Mrs Huma's banana bread has to be baked for 45 minutes. Mrs Huma puts the cake in the oven at 10 minutes to 9. At what time must she take the cake out of the oven? *Show your working.*

(2)

23. Which shape has the largest area? *Tick the correct option.*



☐ A ☐ B ☐ C (1)

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24. Elanso wanted to know which brand of running shoe is most popular. He completed a tally at a local race.

Nike	𝍸 𝍸 𝍸 𝍸 𝍸 |||
Asics	𝍸 𝍸 ||||
New Balance	𝍸 𝍸 𝍸 𝍸 ||
Saucony	𝍸 𝍸 |
Adidas	𝍸 𝍸 |||
Other	𝍸 𝍸

a) What was the most popular brand of running shoe?

(1)

b) How many people ran in Saucony running shoes?

_____ people (1)

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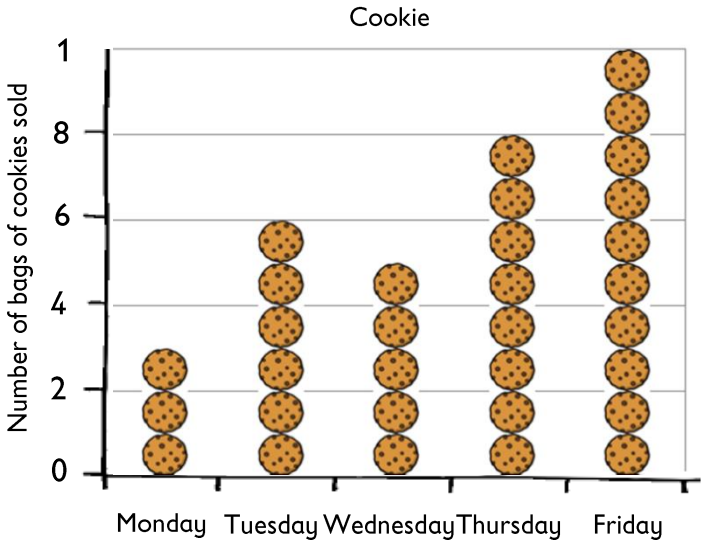
25. A girl is selling bags of cookies. The pictograph below shows the number of bags that she has sold in a week.



If the girl sells each bag of cookies for R20 how much money did she receive on Tuesday? *Show your working.*

R_____ (2)

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