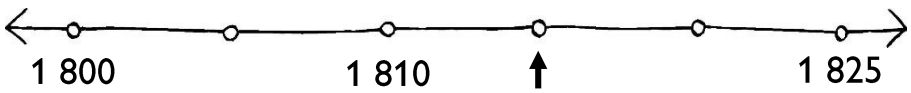
Name:_____ Class:_____

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

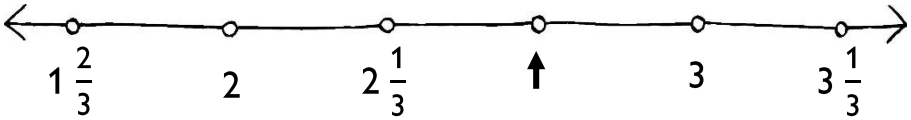
1. What numbers belong on the number lines at the positions that the arrows are pointing to?

a)



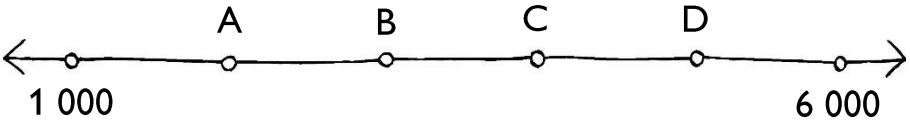
(1)

b)



(1)

2. Which position best indicates 3 000 on the number line? *Tick the correct option.*



☐ A ☐ B ☐ C ☐ D (1)

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

a) 360 + _____ = 400 (1)

b) 128 + 35 = _____ (1)

c) _____ = 200 – 154 (1)

d) 640 – _____ = 300 (1)

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e) $9 \times 4 =$ _____ (1)

f) $42 \div 6 =$ _____ (1)

g) $3\frac{1}{3} +$ _____ $= 4$ (1)

h) $\frac{5}{6} + \frac{4}{6} =$ _____ (1)

i) Double $\frac{1}{4} =$ _____ (1)

4. What fraction of the shape is shaded?

(1)

5. John buys a 20 kg bag of sugar. How many 5 kg bags can he fill from the big bag? *Show your working.*

_____ bags (2)

6. Five friends share 12 chocolate bars equally. How much does each friend get? *Show your working.*

_____ chocolate bars (2)

7. There are 20 crayons in a box of crayons. How many crayons in 3-fourths of a box?

_____ crayons (1)

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8. Mrs Grey has two dogs, a small dog and a big dog. When she gives the small dog 2 biscuits, she always gives the big dog 3 biscuits. She takes 15 biscuits out of a tin. How many biscuits will she give the small and big dog? *Show your working.*

_____ small dog

_____ big dog (2)

9. The organisers of a 20 km run plan to set up water stations every $2\frac{1}{2}$ km. How many water stations will there be?

_____ water stations (2)

10. A small pizza costs R40. What is the value of A and B in the table?

Number of pizzas	1	2	4	5	B
Cost (Rands)	40	80	A	200	400

A: _____

B: _____ (2)

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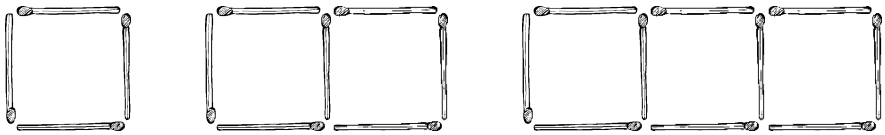
11. Thandi makes pictures with matches. Her pictures make a pattern. Study her pictures and the table.



Picture 1 Picture 2 Picture 3

Picture number	1	2	3	4	5	10
Number of matches	4	7	10	A	16	B

a) Determine the values of A and B.

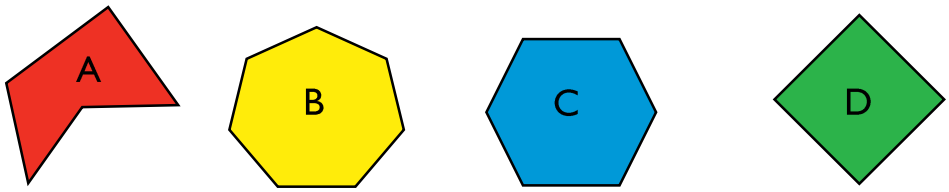
A: _____

B: _____ (2)

b) Determine which picture will have 22 matches. *Explain your reasoning.*

Picture _____ (2)

12. Which shape is a hexagon? *Tick the correct option.*



☐ A ☐ B ☐ C ☐ D (1)

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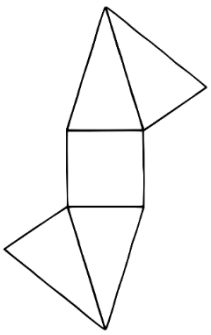
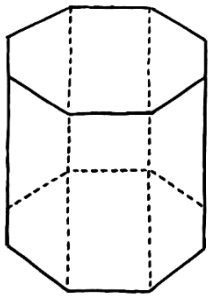
13. What object will this net make when folded?



(1)

14. Name two 2-D shapes that make up the 3-D object shown here.

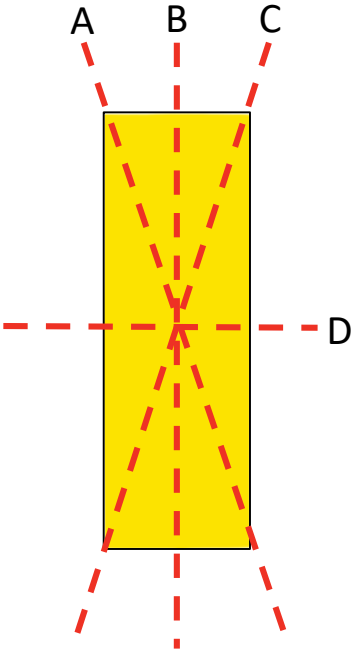


(2)

15. Which lines are lines of symmetry?
Tick all the correct options.

☐ A ☐ B

☐ C ☐ D



(1)

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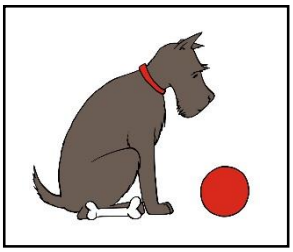
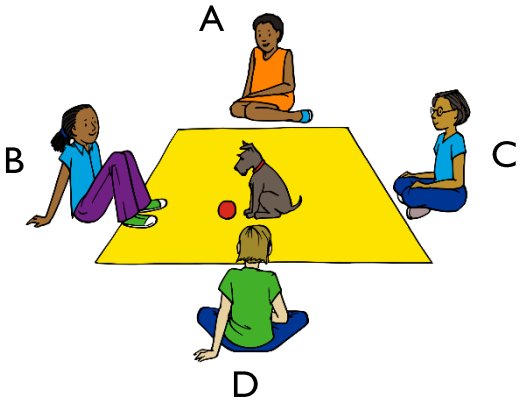
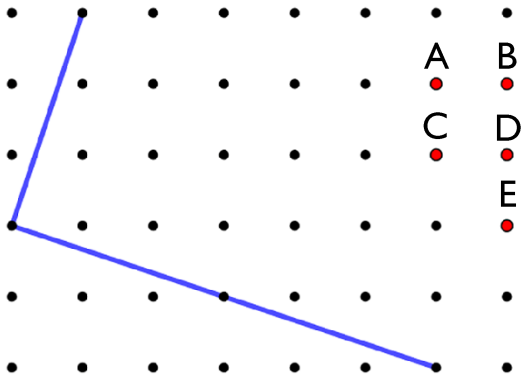
16. Which child has the view of the dog shown in the block? *Tick the correct option.*





☐ A ☐ B ☐ C ☐ D (1)

17. Two sides of a quadrilateral are drawn on a grid. Which vertex, A, B, C, D or E will make the quadrilateral a rectangle? *Tick the correct option.*



☐ A ☐ B ☐ C ☐ D ☐ E (1)

18. Which unit of measurement would you use to measure the distance from Cape Town to Johannesburg?

(1)

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19. How many 250 ml cups can you fill with $1\frac{1}{2}$ litres of water?
Show your working.

_____ cups (2)

20. What is 2 051 metres rounded off to the nearest kilometre?

_____ km (1)

21. Kate has her birthday 14 days after Khaya. If Khaya's birthday is on 28 January, when is Kate's birthday?

(1)

22. Which time is most likely lunch time? *Tick the correct option.*

☐ 08:30 ☐ 13:00

☐ 20:00 ☐ 10:15 (1)

23. Melissa wanted to know which cooldrink is most popular at school. She kept a tally of all cooldrinks bought at the tuck shop on a certain day.

Fanta	卌 卌 卌 卌 ||
Cream Soda	||||
Coke	卌 卌 卌 卌 |||
Sprite	卌 卌 |
Flavoured water	卌 卌 |||
Other	卌 卌

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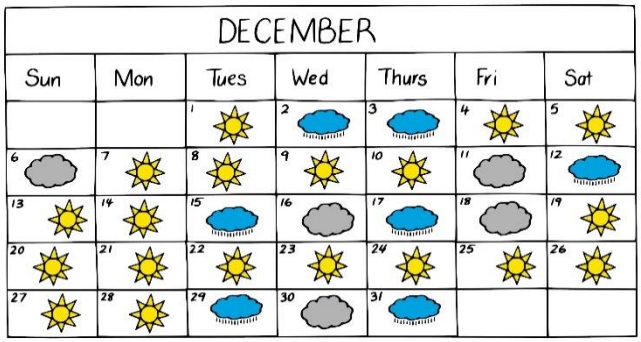
a) What was the most popular cooldrink?

(1)

b) How many people bought Flavoured water on that day?

_____ people (1)

24. The calendar shows the weather for December.



a) How many rainy days were there in the month?

_____ days (1)

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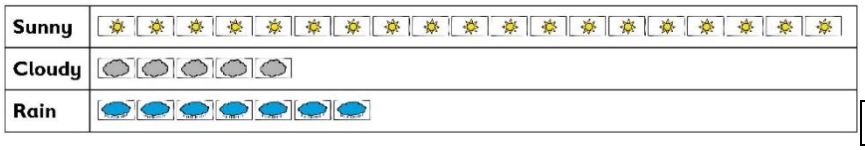
b) Which pictograph correctly depicts the information on the calendar? *Tick the correct option* (1)



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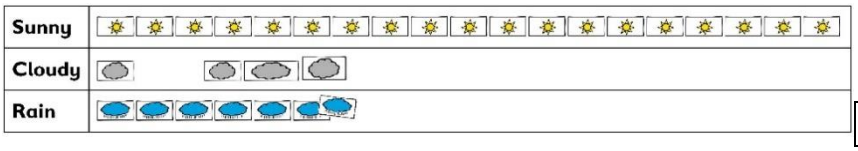

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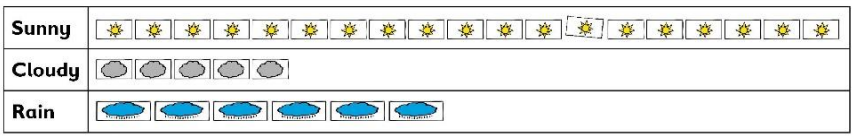

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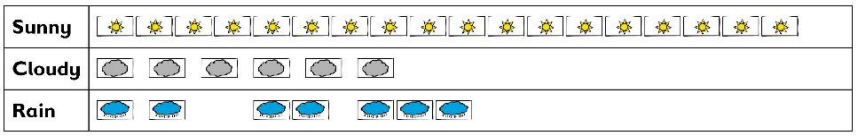

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