Name:_____ Class:_____

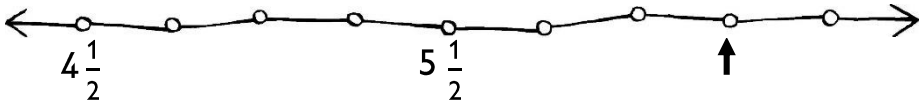
- Complete all answers on this question paper.
- Calculators may not be used.

1. Write the number six thousand and seven. (1)

2. What numbers belong on the number lines at the position that the arrows are pointing to?

a)

(1)

b) 

(1)

3. Which number is larger? *Tick the correct option.*

☐ $\frac{1}{2}$ ☐ $\frac{3}{5}$ (1)

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

a) Double 274 = _____ (1)

b) 21 000 – 1 =_____ (1)

c) 45 × 8 = _____ (1)

d) 357 + _____ = 549 (1)

e) $25 - \frac{2}{7} =$ _____ (1)

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f) 3,3 + 4,8 = _____ (1)

5. Calculate. *Show your working.*

a) 639 ÷ 9 = _____

(2)

b) 7,3 =_____ + $\frac{3}{5}$

(2)

6. Karabo uses $\frac{2}{3}$ of a tablespoon of sugar every day. How many tablespoons of sugar does she need for 6 days? *Show your working.*

_____tablespoons (2)

7. Together, Mpho and David have R310. Mpho has R26 more than David. How much money does David have? *Show your working.*

R_____ (2)

8. Blessing promised to pay his sister R60 per hour to help him organise his office. He pays her R780. How many hours did his sister help him? *Show your working.*

_____hours (2)

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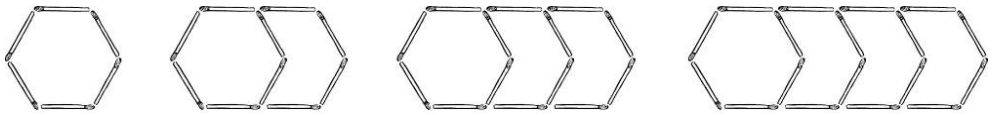
9. James gives Connor 2 biscuits for every 3 biscuits he eats. If the two boys ate 45 biscuits in total, how many biscuits did James give Connor? *Show your working.*

_____biscuits (2)

10. Ayanda makes pictures with matches. The first four pictures make a pattern.

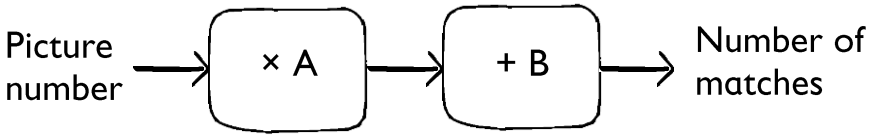


Picture 1 Picture 2 Picture 3 Picture 4

a) Draw the next picture of the pattern.

(1)

b) Determine the rule in the flow diagram to show how you can calculate the number of matches if you know the picture number. Write the values of A and B.



A = _____ and B = _____ (2)

c) How many matches will she need for Picture 20? *Explain how you get your answer.*

_____matches (2)

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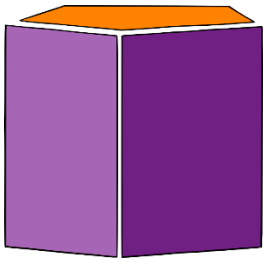
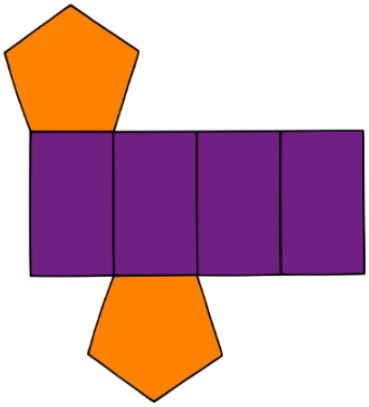
11. Study this pentagonal-based prism.



a) How many faces does the prism have?

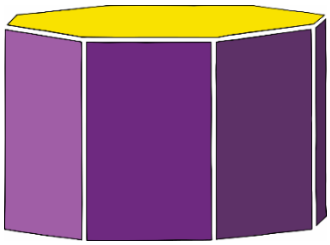
_____faces (1)

b) The net of the prism is missing a face. *Draw in the missing face.*



(1)

12. Tick the shape of this 3D object's base.

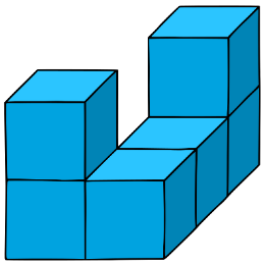


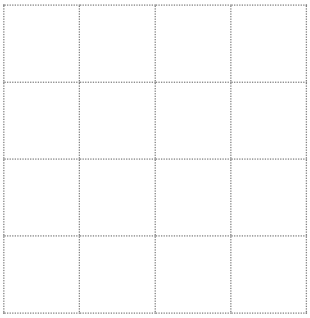
☐ Hexagon ☐ Pentagon

☐ Rectangle ☐ Octagon

(1)

13. On the grid, draw the top view of the object.





(2)

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14. In which street would a person be walking to see the view of the house as shown in the block?

(1)

15. What is 18:25 as analogue time? *Tick the correct option.*

☐ 8:25 am ☐ 6:25 pm

☐ 8:45 am ☐ 6:25 am (1)

16. What is the most likely mass (or weight) of a large man? *Tick the correct option.*

☐ 100 grams ☐ 100 kilograms

☐ 10 grams ☐ 100 metres (1)

17. Write the number that makes the sides equal.

$4\frac{1}{4}$ hours = _____ minutes (1)

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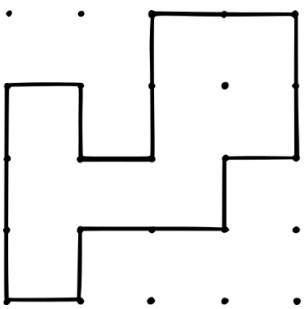
18. Determine the perimeter of the shape.



_____units (1)

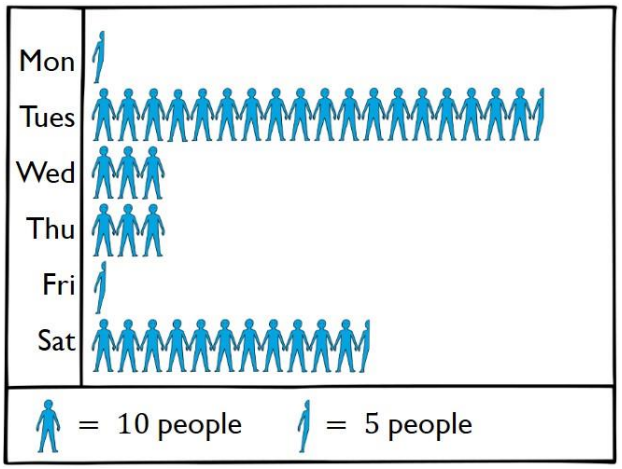
19. A car travels at a constant speed of 100 km per hour. What distance will it have travelled in $1\frac{3}{4}$ hours? *Show your working.*

_____km (2)

20. Mrs Johnson uses $1\frac{1}{2}$ ml of vanilla essence to bake a cake. If she has 20 ml of vanilla essence, how many cakes can she bake? *Show your working.*

_____cakes (2)

21. The pictograph shows the number of people who bought ice cream at a shop during a week.



a) Approximately how many people bought ice cream on Saturday?

_____people (1)

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b) What is the difference between the number of people who bought ice cream on Saturday and Thursday?

_____ people (1)

c) How many people bought ice cream in total during the week?

_____people (1)

d) Why did so many people buy ice cream on Tuesday and Saturday? *Tick the correct option.*

- ☐ The weather was hot on those two days
- ☐ The shop was closed for the whole day on Monday and Friday
- ☐ It was a public holiday on Tuesday
- ☐ The shop ran a special on Tuesday and Saturday
- ☐ We cannot tell from the graph (1)

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