Name:_____ Class:_____

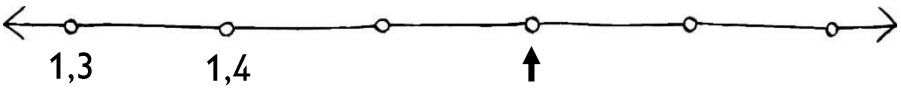
- Complete all answers on this question paper.
- Calculators may not be used.

1. What is the smallest number? *Tick the correct option.*

☐ 1 101 ☐ 1 011 ☐ 1 100 ☐ 1 001 (1)

2. Round off 3 499 to the nearest 10. (1)

3. What number belong on the number lines at the positions that the arrow is pointing to?



(1)

4. Which position best indicates $14\frac{3}{5}$ on the number line? *Tick the correct option.*

☐ A ☐ B ☐ C ☐ D (1)

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

a) 9 742 = 9 000 + _____ + 40 + 2 (1)

b) 200 – _____ = 121 (1)

c) $2\frac{1}{3}$ + _____ = 3 (1)

d) _____ + $\frac{3}{5}$ = $5\frac{2}{5}$ (1)

e) 1,5 + 0,3 = _____ (1)

6. Calculate. *Show your working.*

a) 54 × 15

(2)

b) $\frac{1}{4} + \frac{1}{2}$

(2)

c) 84 ÷ 4

(2)

7. How many fifths are there in 3? (1)

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8. When Thabo eats 2 biscuits, he gives Matthew 1 biscuit. Thabo eats 20 biscuits.

   a) How many biscuits will Matthew get?

   _____ biscuits (1)

   b) How many biscuits did they eat altogether?

   _____ biscuits (1)

9. If you go to school for 6 hours and spend $1\frac{1}{2}$ hours doing Mathematics, what fraction of the school day did you spend doing Mathematics? *Show your working.*

(2)

10. There are 15 players in a rugby team. What number is missing in the table?

Rugby teams	1	2	4	6
Players	15	30	60	?

(1)

11. What number is missing from the table?

50c coins	1	2	5	?
Cents	50	100	250	500

(1)

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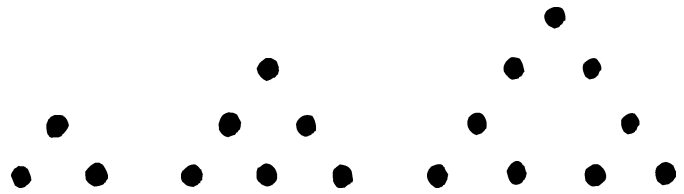
12. Kayla makes pictures with dots. Her pictures make a pattern.



Picture 1 Picture 2 Picture 3

Study her pictures and determine which picture will have 15 dots. *Show your working.*

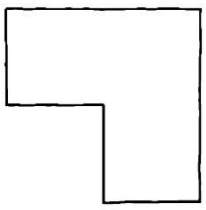
Picture _____ (2)

13. Write the next number in the sequence. *Explain your reasoning.*

12; 15; 20; 27; _____

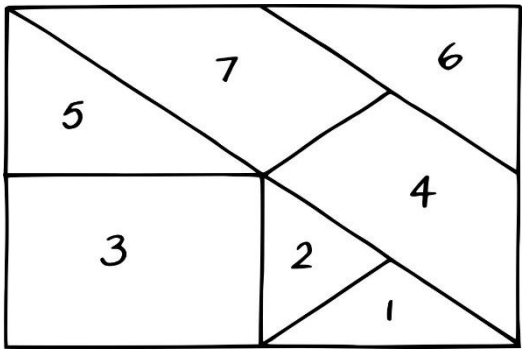
(2)

14. What is the name of this shape?



(1)

15. Which piece in the puzzle is an equilateral triangle?



Piece_____ (1)

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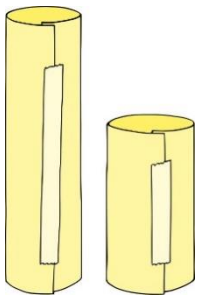
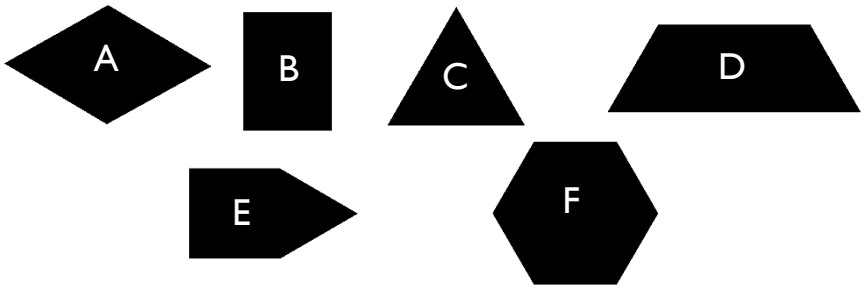
16. What name best describes these 3D objects?



(1)

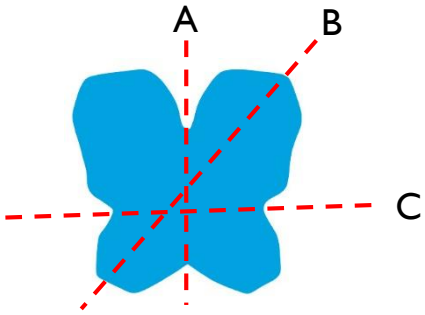
17. Which are the regular polygons? *Tick ALL the correct options.*



☐ A ☐ B ☐ C

☐ D ☐ E ☐ F (1)

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



☐ A ☐ B ☐ C (1)

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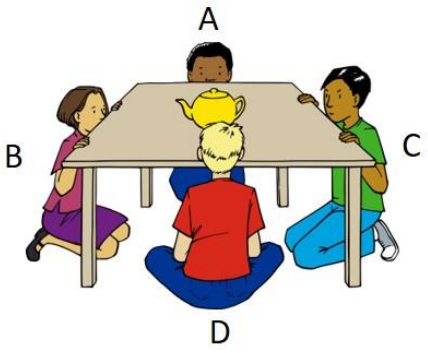
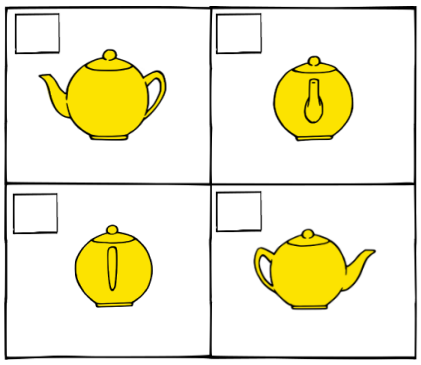
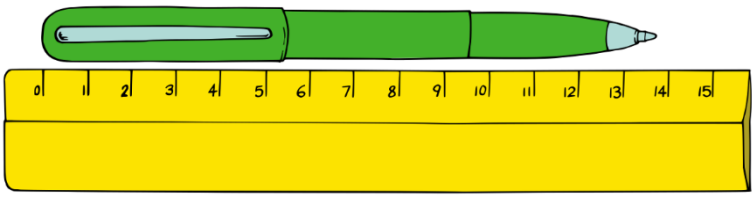
19. Which view does child A see of the teapot? *Tick the correct option.*





(1)

20. Which unit of measurement is most likely to be used when determining the length of the pen?



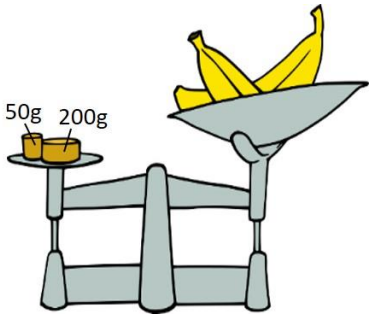
(1)

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

a) $3\frac{1}{2}$ km = _____ m (1)

b) 4 250 ml = _____ litres (1)

22. What is the mass of one banana in grams?



_____ grams (1)

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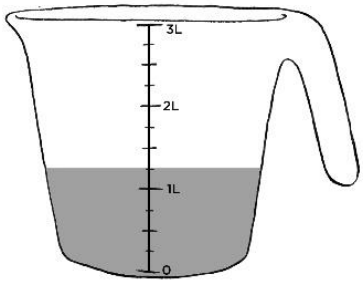
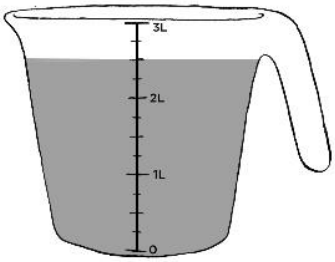
23. How many millilitres of liquid must be added to the jug to fill it to 2 litres? *Show your working.*

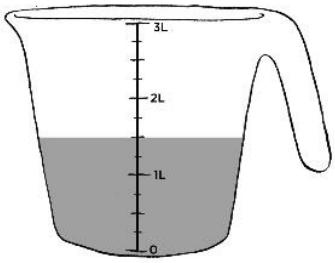


_____ ml (2)

24. How many millilitres of liquid must be poured from Jug A into Jug B so that the jugs have the same amount of liquid? *Show your working.*



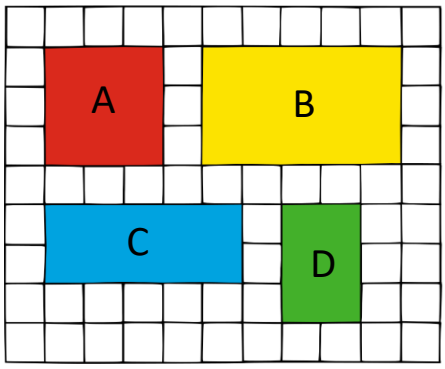
Jug A



Jug B

_____ ml (2)

25. Which quadrilateral has an area of 10 square units? *Tick the correct option.*



☐ A ☐ B

☐ C ☐ D

(1)

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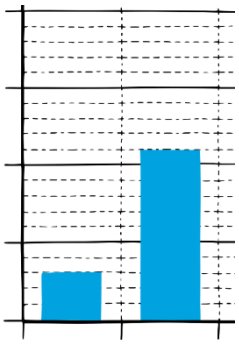
26. The labels on the axes of this graph have been cut off. The taller bar in this bar graph is 22 units.



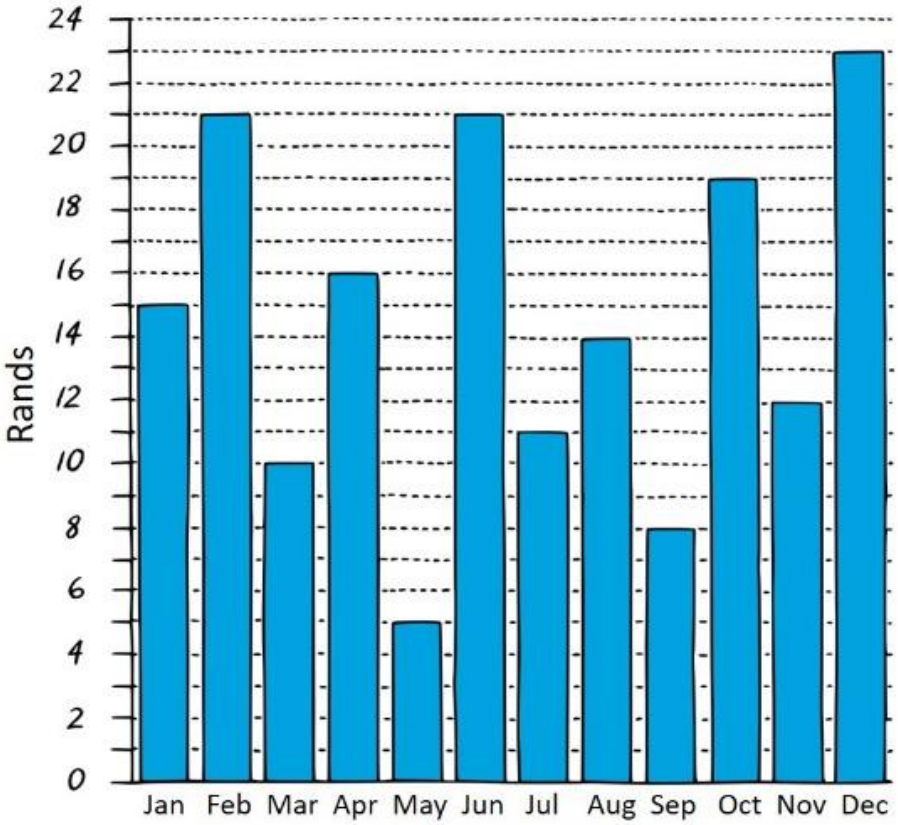
a) How many units are represented by each dotted-line interval?

_____ units (1)

b) How many units tall is the shorter bar?

_____ units (1)

27. Every month Michael saved some of his pocket money. The bar graph shows how much he saved each month.



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a) How much did Michael save in June?

R_____ (1)

b) What is the difference between the month where he saved the most money and the month he saved the least money?

R _____ (1)

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