

Half-yearly assessment

Name : _____

Whole Numbers

1. Count and write the number.

a)  16

b)  23

2. Write the number before and after.



a) 13 \leftarrow / 4 \rightarrow 15

b) 25 \leftarrow 26 \rightarrow 27



3. Draw longs and units to show the different two-digit numbers that can be made using 1 and 3.

Addition and Subtraction

4. Complete the addition sentences.

a)  +  =

6	+	3	=	9
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b)  +  =

8	+	5	=	13
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5. Complete the subtraction sentences.

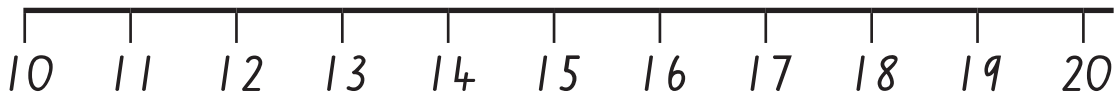


$$\boxed{8} - \boxed{3} = \boxed{5}$$



$$\boxed{12} - \boxed{7} = \boxed{5}$$

6. Use the number line to find the answers.



a) $11 + 5 = \boxed{16}$

b) $10 + 7 = \boxed{17}$

c) $19 - 6 = \boxed{13}$

d) $15 - 3 = \boxed{12}$

7. Write a number sentence that has the answer 7.

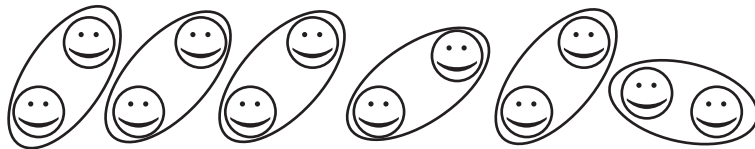
$$3 + 4 = 7$$

$$10 - 3 = 7$$

$$6 + 1 = 7$$

Multiplication and Division

8. a) Circle groups of 2.



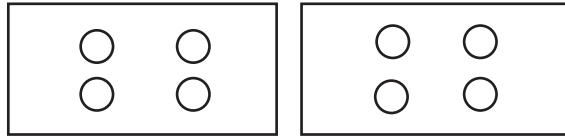
$$\boxed{6} \text{ groups of } \boxed{2} = \boxed{12}$$

b) Circle groups of 5.



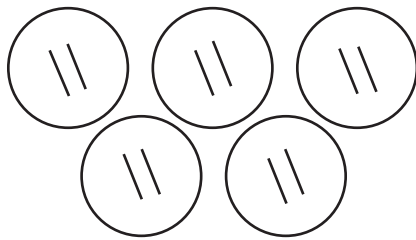
$$\boxed{3} \text{ groups of } \boxed{5} = \boxed{15}$$

9. a) Share 8 balls into 2 groups. Draw the balls in the boxes.



Each group has 4 balls.

b) Share 10 sticks into 5 groups. Draw the sticks in the circles.



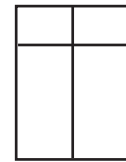
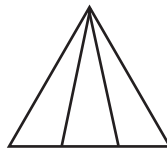
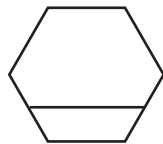
Each group has 2 sticks.

10. Draw pictures to show how 9 can be shared equally.



Fractions and Decimals

11. Colour the shape red that is cut in half. Colour the shape blue that is cut in quarters.



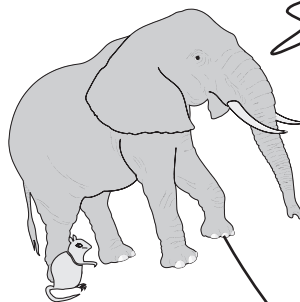
Chance

12. Match each picture to a chance word that describes it.



The sun will set today.

certain



An elephant will talk to a cat.

likely



You will come to school tomorrow dressed as a clown.

unlikely

impossible

Patterns and Algebra

13. Complete the number patterns.

a) 2, 4, 6

b) 10, 15 25

c) 20, 30 60

d) 20, 18 12

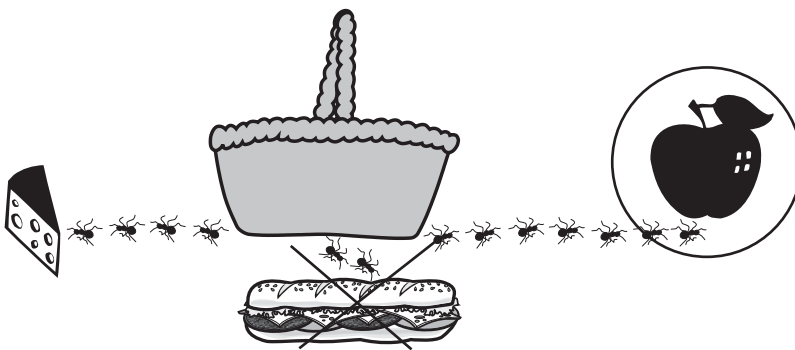
Length

14. Measure each line using Base 10 units. Record your answers in the boxes below.

a)  Base 10 units long

b)  Base 10 units long

15.



- a) Circle the food that is the greatest distance from the basket.
 b) Cross the food that is the shortest distance from the basket.

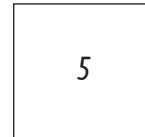
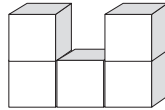
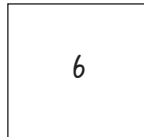
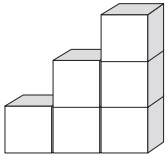
Area

16. Order the objects from smallest to largest area.

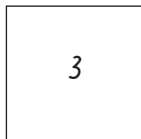
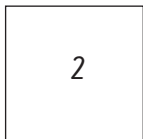


Volume and Capacity

17. a) Count and record the number of blocks used for each model.
b) Colour the model with the greatest volume.



18. Order the containers from smallest to largest capacity.



Mass

19. Colour the correct label.

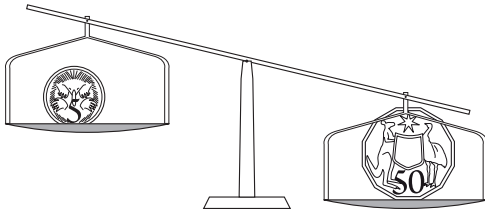


is heavier than

is lighter than

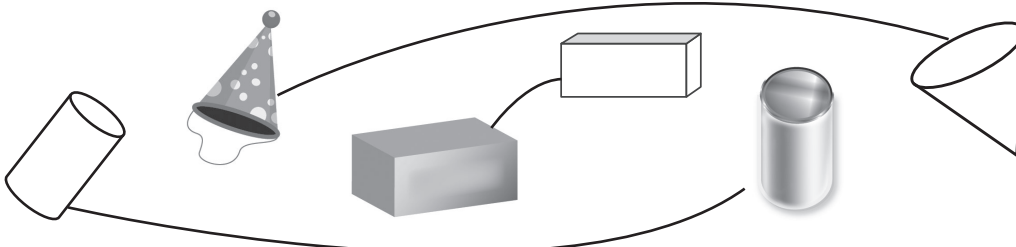


20. Is this balance correct? Yes



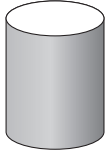
Shape

21. Draw lines to match each object to its 3D shape.



22. Write the name for each 3D object.

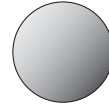
sphere cube cylinder



cylinder

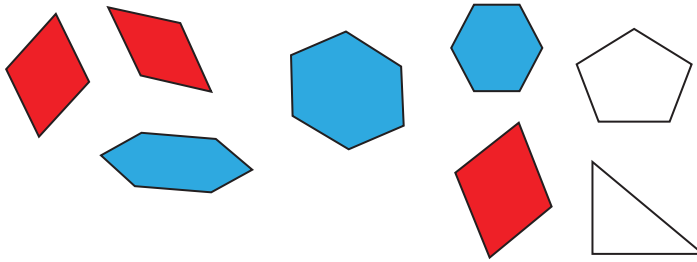


cube



sphere

23. Colour the hexagons blue and the rhombuses red.



24. Write the name for each 2D shape.

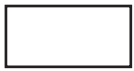
circle square rectangle triangle



circle



square



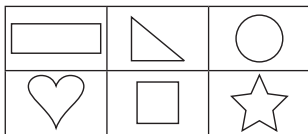
rectangle



triangle

Location

25. Choose a word from the list that completes each sentence.



below above between next to

- a) The triangle is between the rectangle and the circle.
- b) The star is below the circle.
- c) The heart is next to the square.