1.1 Which number sequence is arranged in descending order? (1)

a. 243 657 ; 234 567 ; 243 567 ; 234 657

b. 243 657 ; 243 567 ; 234 657 ; 234 567

c. 234 567 ; 234 657 ; 243 567 ; 243 657

d. 234 657 ; 243 567 ; 234 567 ; 243 657

1.2 Which number sentence below has the same value as (1)
6 x (7 + 2) ?

a. (6 x 7) + 2

b. (6 x 2) + 7

c. (7 + 2) x 6

d. (6 + 2) x 7

1.3 Which number comes next in the pattern? (1)

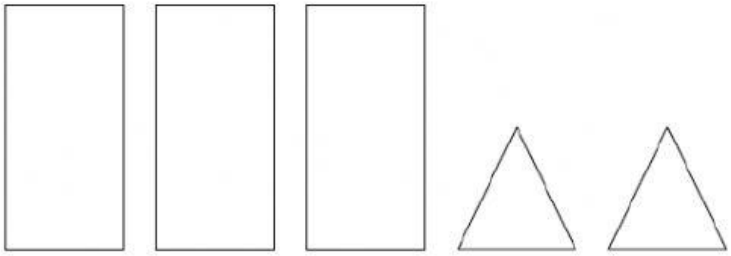
15 ; 20 ; 30 ; 50 ; _____

a. 80

b. 120

c. 90

d. 110



a. Triangular prism

b. Rectangular prism

c. Triangular pyramid

d. Cube

2. Write down the missing number in ... (1)

$$\frac{3}{15} = \frac{\quad}{75}$$

3. For each number write the value of the underlined digit:

3.1 3 50<u>3</u> _____ (1)

3.2 <u>3</u> 503 _____ (1)

4. Write down all the factors of 24. (2)

_____

5. **Complete:**

5.1 1 311 rounded off to the nearest 100 = _____ (1)

5.2 2 347 rounded off to the nearest 5 = _____ (1)

6. **In a parking area, the ratio of white cars to blue cars is 1:3. If there are 40 white cars, how many cars altogether are in the parking area?** (2)

_____

_____

_____

_____

7. **If 23 158 people live in Mogale City and 25 249 people live in Sun Valley, how many more people live in Sun Valley than in Mogale City?** (2)

_____

_____

_____

_____

8. Calculate:

8.1 1 470 + 2 312

_____

_____

_____ (2)

8.2 1 352 – 1 021

_____

_____

_____ (2)

8.3

$$\begin{array}{r} 3\ 1\ 2\ 2 \\ 2\ 0\ 3\ 3\ 2 \\ +\ 2\ 4\ 2\ 5\ 3 \\ \hline \end{array}$$

_____ (2)

8.4

$$\begin{array}{r} 2\ 4\ 5\ 5\ 2\ 3 \\ -\ 1\ 5\ 4\ 3\ 2\ 1 \\ \hline \end{array}$$

_____ (2)

8.5 463 x 24

_____

_____

_____

_____ (3)

8.6 6160 ÷ 35

_____

_____

_____

_____ (2)

8.7 $7\frac{1}{2}+10\frac{1}{2}+\frac{3}{4}$

_____

_____

_____

_____ (3)

8.8 117 + (5 x 3) ÷ 5

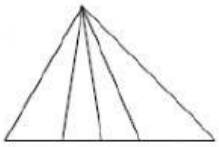
_____

_____

_____

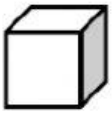
_____ (3)

11. **The figure below is made up of triangles of different sizes:** (2)

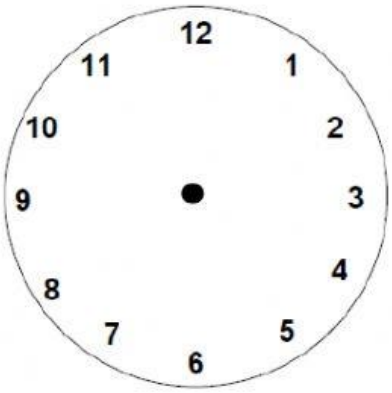


How many triangles are there in this figure? _____

12. **Complete the following table:** (2)

Cube	Number of faces	Shape of shaded face of the cube
		

13. **Draw the hour and minute hands on the clock face to match the time on the digital clock.** (2)



14. **Pat has 2 litres of orange juice.**

14.1 How many **millilitres** (*mℓ*) of orange juice does Pat have?

_____ (2)

14.2 How many 250 *mℓ* full cups can Pat pour to empty the jug?

_____

_____ (3)

17. **Nobese has 3 black, 4 red, 2 blue and 3 green balls in a bag.**

17.1 The ratio of the number of red balls to green balls = _____. (1)

17.2 Nobese takes out a ball from the bag, without looking into the bag. Which ball colour has the best chance to be picked out of the bag? (1)

Circle the letter of the correct answer.

a. black

b. red

c. blue

d. green

18. **The ship in the grid below starts its journey at position A8.**

18.1 Use the grid to write down the coordinates of each new position of the ship.

Position (a) _____ (1)

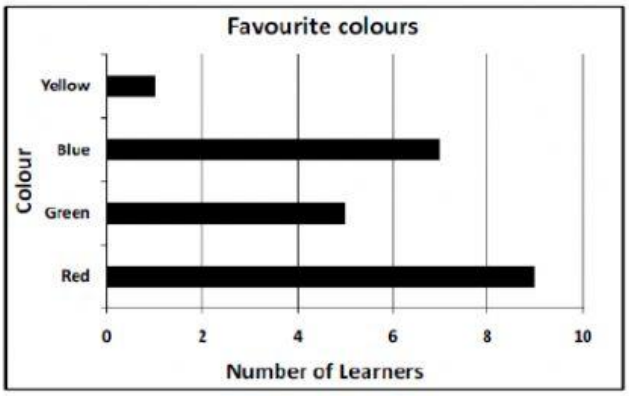
Position (b) _____ (1)

	1	2	3	4	5	6	7	8	9	10
A								start		
B	(a)									
C										
D										
E										
F										
G										
H						(b)				
I										
J										

18.2 From **position (b)** the ship ends its journey at 3 grid places to the right and 2 grid places down. Write down the coordinates of its end position.

_____ (1)

19. Use the bar graph to answer the questions given below.



19.1 The number of learners whose favourite colour is blue = _____ (1)

19.2 The favourite colour that is least chosen by learners is _____. (1)

19.3 The favourite colour chosen by most learners is _____. (1)

Total = [60]