

Year 3 Term 3 Homework

Student Name: _____	Grade: _____
Date: _____	Score: _____

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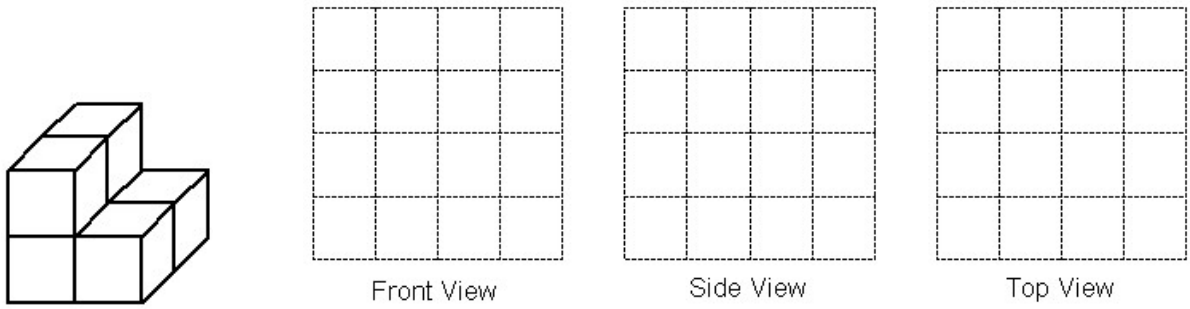
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3 Year 3 Term 3 Week 3 Homework

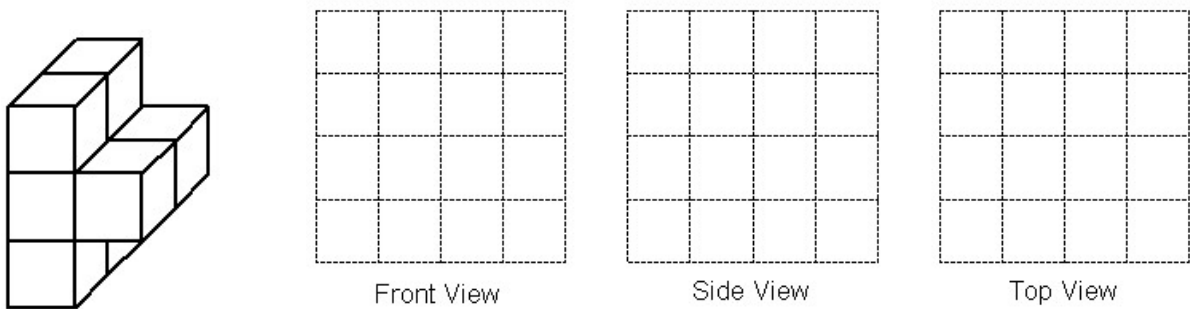
3.1 Topic 1 — Space Strand (3D)

Draw these models from:

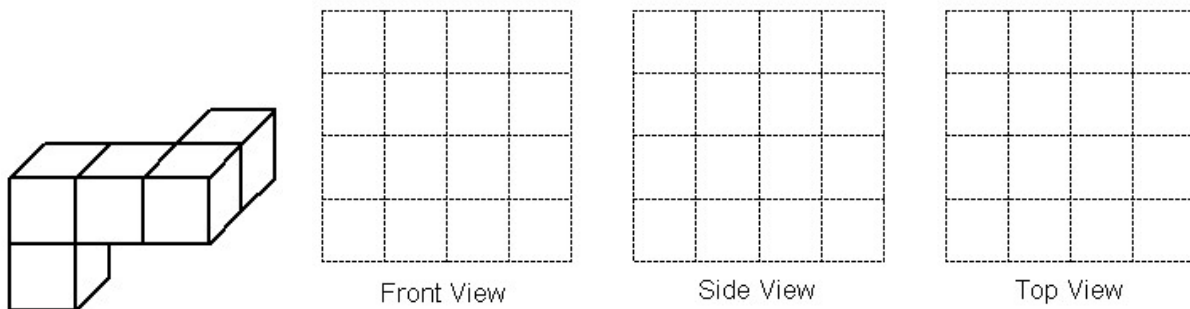
1. the front view, the side view and the top view.



2. the front view, the side view and the top view.

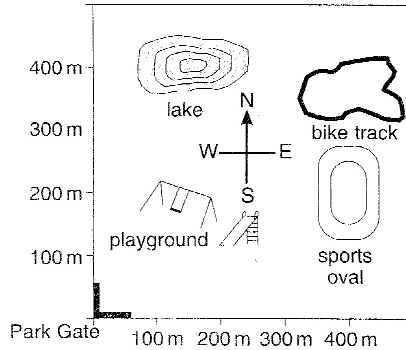


3. the front view, the side view and the top view.



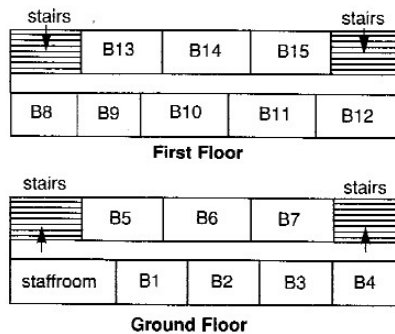
3.2 Topic 2 — Position

1. Raymond’s favourite place in the park is 200 m North of the gate and then 400 m East. What is Raymond’s favourite place in the park?



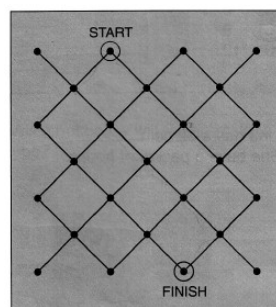
Answer: _____

2. The diagram shows the position of the North Ryde primary school building. Crystal walked the shortest way from room B1 to room B7 and then to room B15. Which one of these rooms did she go past?



- (A) B5 (B) B10 (C) B12 (D) B9

3. In the game below, John can only move along the lines, one dot at a time. What is the least number of moves John can make to get from START to FINISH?



Answer: _____

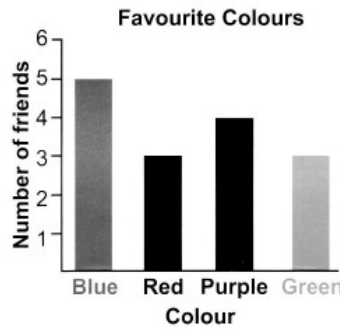
3.3 Topic 3 — Graphs

1. The bears netball team played against four other teams. The number of goals scored is shown below. What was the total number of goals scored by the Bears in these four games?

		Bears
Tigers		
Cats		
Sharks		
Lions		

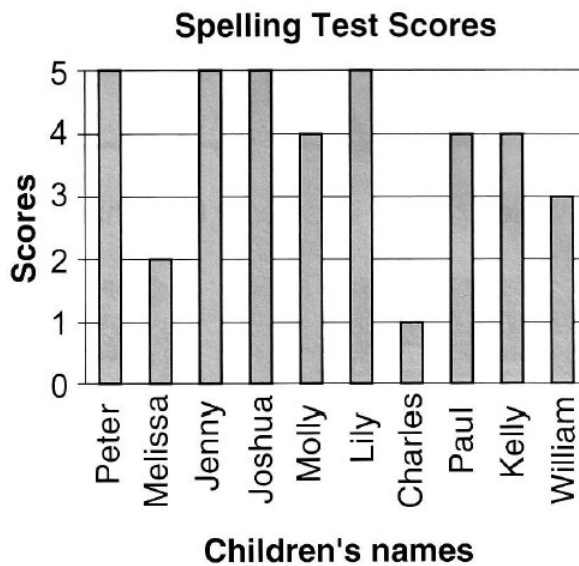
Answer: _____

2. Bob made this graph after finding out his friend’s favourite colours. How many of Bob’s friends had Red and Green as their favourite colour?



Answer: _____

3. Miss Caruso gave her class a spelling test. The graph shows each child’s score out of 5. How many children got a score of more than 3?



Answer: _____

3.4 Topic 4 — Measurement (Length)

1. Write the following in short form (e.g. 1 metres 2 centimetres = 1.02 m) :

(a) 3 metres 15 centimetres: _____

(b) 2 metres 73 centimetres: _____

(c) 15 metres 6 centimetres: _____

(d) 5 metres 5 centimetres: _____

(e) 12 metres 21 centimetres: _____

2. Write these lengths in millimetres:

(a) 5 cm = _____ mm.

(b) 105 cm = _____ mm.

(c) 9 and a half cm = _____ mm.

(d) 123 and a half cm = _____ mm.

(e) 20 and a half cm = _____ mm.

3. Change the unit of length:

(a) 25.5 cm = _____ cm _____ mm.

(b) 82.2 cm = _____ cm _____ mm.

(c) 120.8 cm = _____ cm _____ mm.

(d) 642 cm = _____ m _____ cm.

(e) 3 and half m = _____ m _____ cm.

4. A rectangle has a perimeter of 24 cm. If one side of the rectangle is 8 cm long, how long are the other side?

5. Alice ran 100 m, jogged 50 m and then walked 75 m. How much further must she travel to cover $\frac{1}{2}$ km altogether?

3.5 Topic 5 — Lowest Common Multiples

3.5.1 LCM 1

	#	MULTIPLES	LCM
①	3 4		
②	7 8		
③	10 2		
④	5 9		
⑤	6 6		
⑥	7 4		
⑦	2 2		
⑧	4 10		
⑨	5 5		
⑩	7 3		

Score: _____

3.5.2 LCM 2

	#	MULTIPLES	LCM
①	2 13		
②	7 6		
③	8 11		
④	15 3		
⑤	9 5		
⑥	4 10		
⑦	14 12		
⑧	4 6		
⑨	15 11		
⑩	12 13		

Score:

3.6 Problem Solving (Number Problems)**3.6.1 Number Problem 5**

- ① _____ Nine more than eight times a number is 65. What is the number?
- ② _____ The quotient of a number and eight increased by 8 is 13. What is the number?
- ③ _____ The product of two numbers is 40. One number is three less than the other. What are the numbers?
- ④ _____ The sum of two numbers is 24. One number is six less than the other. Find the numbers.
- ⑤ _____ One of two numbers is ten more than the other. The sum of the numbers is 14. Find the numbers.
- ⑥ _____ Twice a number diminished by 2 is 12. Find the number.
- ⑦ _____ One number is eight times another. Their sum is 72. Find the numbers.
- ⑧ _____ Four times a number increased by 9 is 25. Find the number.
- ⑨ _____ Five more than six times a number is 23. What is the number?
- ⑩ _____ The quotient of a number and three increased by 4 is 13. What is the number?

Score: _____

3.6.2 Number Problem 6

- ① _____ Ten times a number increased by 3 is 73. Find the number.
- ② _____ Four times a number decreased by 15 is 29. Find the number.
- ③ _____ One of two numbers is three more than the other. The sum of the numbers is 15. Find the numbers.
- ④ _____ The sum of two numbers is 17. One number is seven less than the other. Find the numbers.
- ⑤ _____ The quotient of a number and two increased by 5 is 14. What is the number?
- ⑥ _____ Two more than eight times a number is 66. What is the number?
- ⑦ _____ One number is five times another. Their sum is 36. Find the numbers.
- ⑧ _____ The product of two numbers is 91. One number is six less than the other. What are the numbers?
- ⑨ _____ Twice a number increased by 5 is 9. Find the number.
- ⑩ _____ Four times a number decreased by 14 is 30. Find the number.

Score:

3.7 Quiz 3

1. How many pencils, each 20 cm long, must be laid end to end so that they add up to 3 m altogether?

2. My father is 173 cm tall and I am 125 cm tall, How much taller is my father?

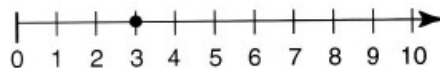
3. What is the perimeter of a regular pentagon with sides of 14 cm?

4. One metre of ribbon costs \$1.80. What is the cost of 25 cm?

5. Find the LCM of 3 and 8.

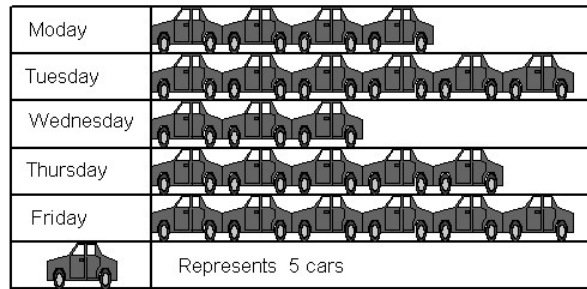
6. How many 5 cm lengths of rope can be cut from a length of $2\frac{1}{4}$ m?

7. David started at 3 on this number line. He moved forward 5 places and then back 3 places. Where did David finish?



8. Steven has a electrical cord that is 2.75 metres long. How many centimetres long is the cord?

9. Answer the questions from the given figure:



(a) How many cars were sold on Monday and Tuesday altogether?

(b) How many more cars were sold on Thursday than on Wednesday?

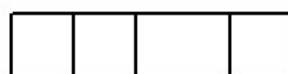
(c) On which days were the same number of cars sold ?

(d) How many cars were sold altogether during the week?

10. How much more is the sum of 15 and 32 than the difference between these numbers?

11. What number multiplied by 8 equals 6 dozen?

12. How many different rectangles can you see in this figure?



13. How many of these letters have two lines of symmetry? E, W, X, B, H, M and D.

14. How many of these numbers can be divided exactly by 6? 84, 124, 156, 204 and 222.

15. How many hundreds are there in 3 thousands, 5 hundreds and 8 units?

16. What fraction of the figure have been shaded?



17. What is the cost of 75 cm of material at \$10 a metre?

18. A car travels 402 km in 6 hours. What is the average speed of the car in kilometres per hour?

19. Trains leave from Central Station every 15 minutes. The first one leaves at 6:15 a.m. What time does the fifth one leave?

20. What number is 123 less than 1000?
