



Mathletics

NAPLAN Year 7 Numeracy Test 1

(Calculator Allowed)

Answers

1 Multiply 3 012 by 72

216 864



216 974



41

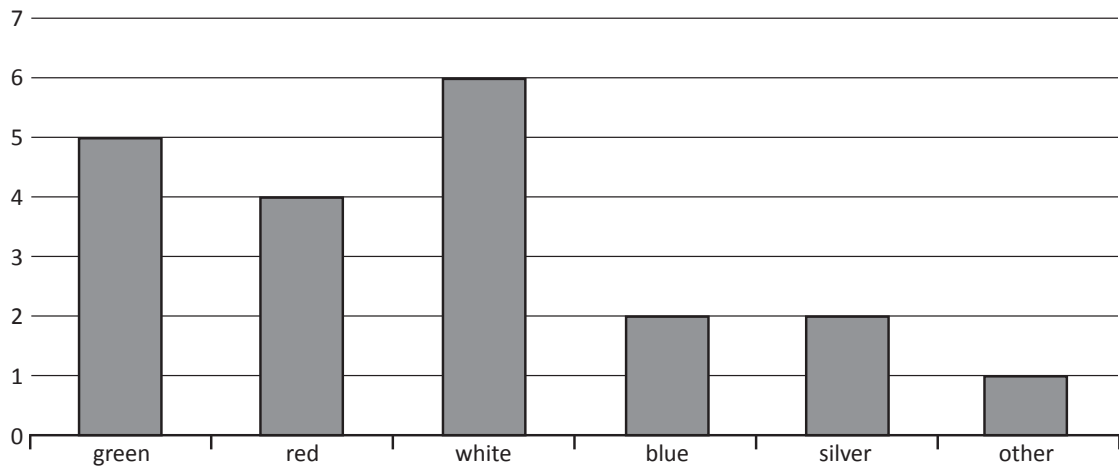


226 864



Shade one bubble. 

2 How many more green cars than blue cars are in the car park?



3



4



5



7



Shade one bubble. 

3 $30 = 90 \square ? 3$

What sign is needed to make this number sentence true?

-



+



×



÷



Shade one bubble. 

4 You scored 15 out of 25 in a test. What was your percentage?

75%



80%



60%

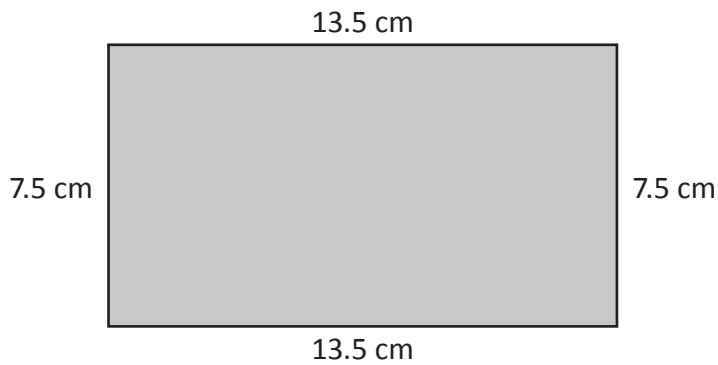


30%



Shade one bubble. 

5 What is the perimeter of this shape?



37 cm

39 cm

41 cm

42 cm

Shade one bubble.



6 Jenna runs at a speed of 8 km per hour. How long would it take her to run 2 km?

10 minutes

15 minutes

20 minutes

40 minutes

Shade one bubble.



7 Which is the coldest temperature?

7°C

18°C

-4°C

-14°C

Shade one bubble.



8 You are asked to create a sequence of numbers starting with 3.5 and counting up by 0.25 each time.

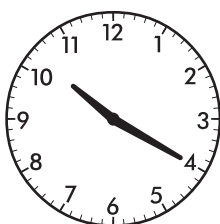
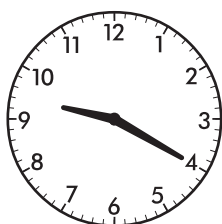
Which of the following is your sequence?

- 3.5, 3.7, 3.9, 4.1
- 0.25, 3.25, 4.25, 5.25
- 3.25, 3.75, 4.00, 4.25
- 0.25, 3.75, 4.00, 4.25

Shade one bubble.



9 You need to catch a bus at 9.50 am. You know you have 30 minutes before you need to leave. What time is it?

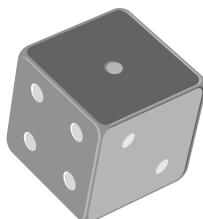


Shade one bubble.



10 The chance of getting a number lower than 1 on a regular die is:

- likely
- certain
- unlikely
- impossible



Shade one bubble.



11 $14.406 - 4.56 =$

	9	·	8	4	6
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Write your answer in the box.



12 This table shows Rina’s fitness program for the week:

Rina’s Fitness Program	
Day	Session
Monday	30 minutes of cycling
Tuesday	40 minutes of jogging
Wednesday	30 minutes of weights
Thursday	20 minutes of running
Friday	40 minutes of swimming

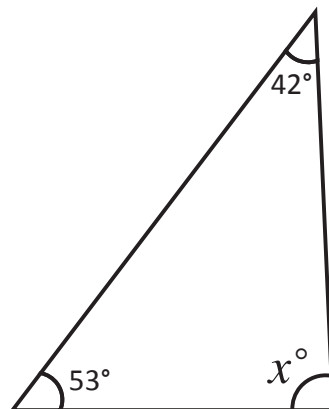
What was the average (mean) time for the training sessions?


- 42 minutes 32 minutes 22 minutes 25 minutes
-

Shade one bubble. 

13 Find the size of x .

$x =$



Write your answer in the box. 

14 5, 5.6, 6.2,

What is the next number in this sequence?

- 6.5 6.6 6.7 6.8
-

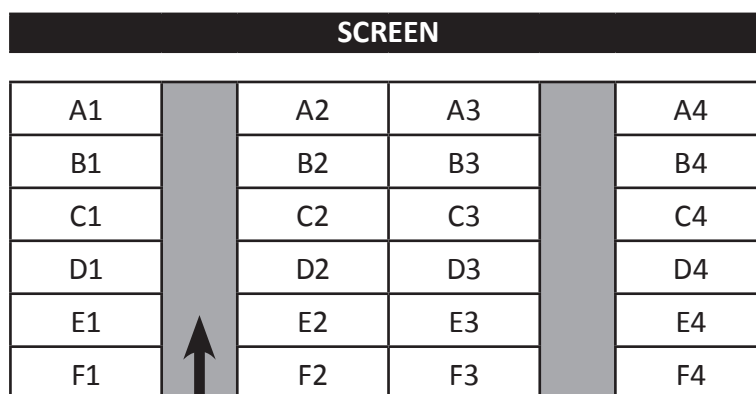
Shade one bubble. 

15 Kelly bought an autographed football shirt for \$120. The value of the shirt increased by 10%. What is the shirt now worth?

- \$125 \$138 \$132 \$145
-

Shade one bubble.

16 This plan shows the seating for a cinema.



Sam enters the movie theatre at the arrow. She turns right at the beginning of the third row from the back and then facing the screen she moves across one seat to her right. Which seat does she sit in?

- C2 C3 D3 D2
-

Shade one bubble.

17 A rectangle has an area of 24 cm^2 . If one side is 6 cm the other side is

- 4 cm 8 cm 2 cm 1 cm
-

Shade one bubble.

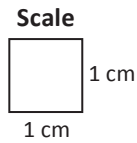
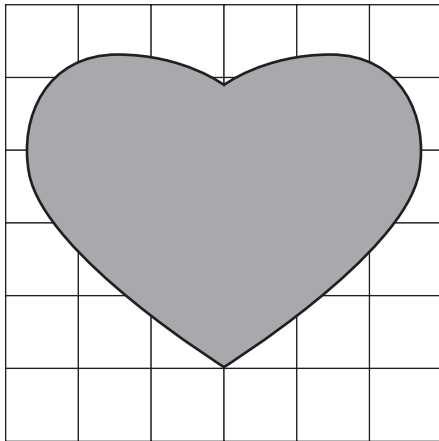
18 0.8, 1.4, ?, 2.6, 3.2

What number is missing from this sequence?

- 1.6 1.9 2.0 2.2
-

Shade one bubble.

19 The area of this shape is closest to:

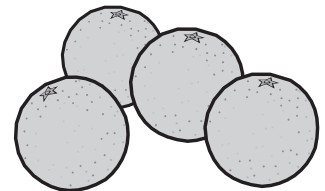


- 8 cm²
- 12 cm²
- 14 cm²
- 16 cm²

Shade one bubble.



20 Lani had a box of oranges. She shared out the oranges equally to 8 of her friends. Each person was given 4 oranges and there were none left in the box.



How many oranges were in the box?

- | | | | |
|-----------------------|----------------------------------|-----------------------|-----------------------|
| 48 | 32 | 28 | 12 |
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Shade one bubble.



21 In a room of 42 people, $\frac{1}{6}$ of them did not wear a watch.

How many people were wearing a watch?

35

Write your answer in the box.



22 A school has a total of 250 students. Three-fifths always buy their lunch from the canteen.

How many students is this?

- | | | | |
|----------------------------------|-----------------------|-----------------------|-----------------------|
| 150 | 100 | 50 | 25 |
| <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Shade one bubble.




23 A timetable for buses between town X and town Y is shown.

Bus	Early	Late
Leave X	7:12 am	8:32 am
Arrive Y	7:52 am	9:42 am

How much longer does the late bus take to travel between town X and town Y?

30 minutes

Write your answer in the box. 

24 What is the volume of this rectangular prism?

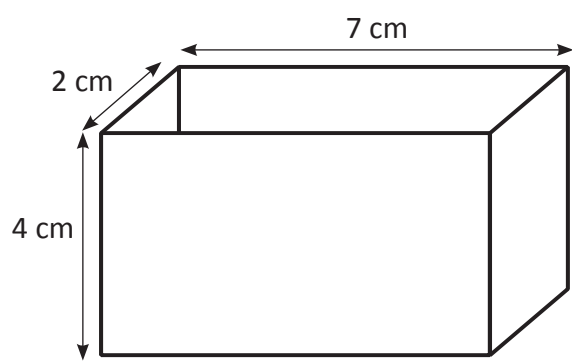

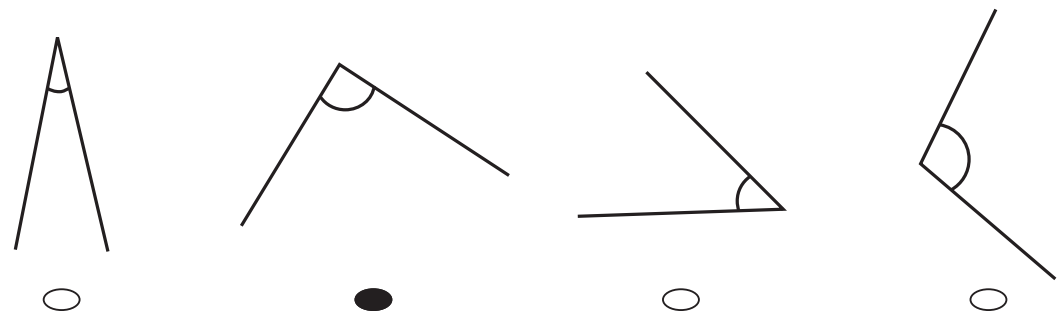



Diagram not drawn to scale.

56 cm³

Write your answer in the box. 

25 Which of these angles is closest to 90°?




Shade one bubble. 

- 26 Martine bought a ham sandwich and a muesli bar for lunch from the canteen. What other item could she buy with the change she gets from \$5.00?

Canteen Price List	
Ham sandwich	\$2.80
Salad sandwich	\$2.60
Muesli bar	\$1.40
Fruit juice	\$1.10
Oranges/apples	80c


- orange or apple
 fruit juice
 muesli bar
 salad sandwich

Shade one bubble. 

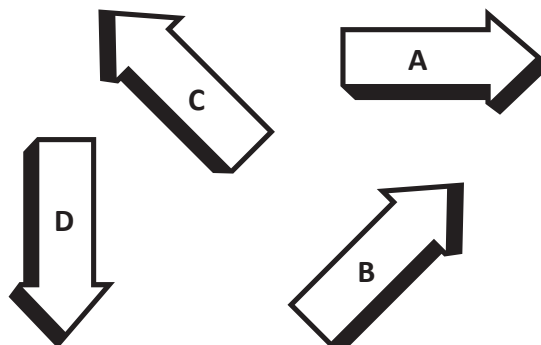
- 27 Tim started his homework at 5:43 pm and finished it at 7:20 pm.

How long did he spend doing his homework?

- 1 hour and 37 minutes
 1 hour and 13 minutes
 1 hour and 47 minutes
 2 hours and 3 minutes


Shade one bubble. 

- 28 In the diagram arrow A is pointing east.



Which direction is arrow D pointing in?

- north south east west

Shade one bubble. 

- 29 Tick (✓) the row that has the pair of numbers that makes this number sentence correct.

$$\star + \diamond = 8$$

Tick a row	★	◆
	5	-3
	-12	4
✓	-4	12
	12	4

30 $4.8 + 16 + 3\frac{2}{5} =$ 24.2

Write your answer in the box.



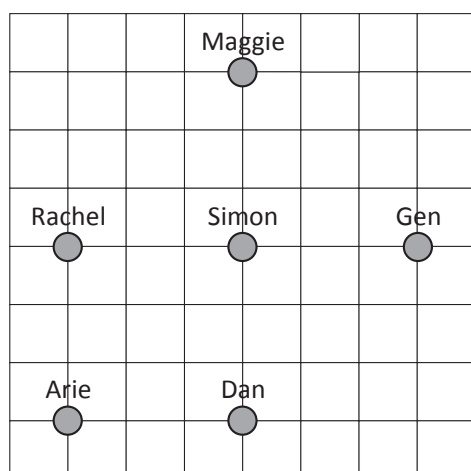
- 31 Shane puts 9 lollies in each of 21 lolly bags. He has 6 lollies left over. How many more lollies does he need to be able to put 10 in each bag?

15

Write your answer in the box.



- 32 Gen and Simon are facing each other. If Simon turns 90° in a clockwise direction, who is he facing now?



- Maggie
- Gen
- Dan
- Arie

Shade one bubble.



END OF TEST