



Mathletics

NAPLAN Year 7 Numeracy Test 1 (Non-Calculator)

Year 7 Numeracy Practice Test 1 – Non-calculator

Student details

First name _____

Last name _____

Class _____ Date _____

Test instructions

You have 40 minutes to complete this test.

You are **NOT allowed** to use a calculator.

You should use a pencil to write your answers or shade in the bubble.

If you make a mistake, rub it out thoroughly.

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1 Thirty six thousand two hundred and forty five is:

36 240

36 245

3 645

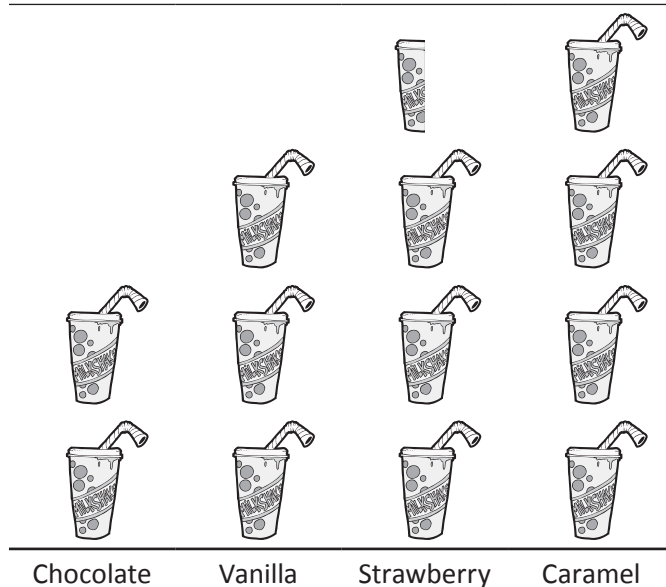
360 245

Shade one bubble.

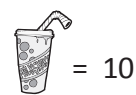


2 The number of milkshakes sold is shown below:

Number of Milkshakes Sold



Key



What is the total number of milkshakes sold?

100

$120\frac{1}{2}$

125

135

Shade one bubble.



3 30 out of 50 as a percentage is:

40%

60%

30%

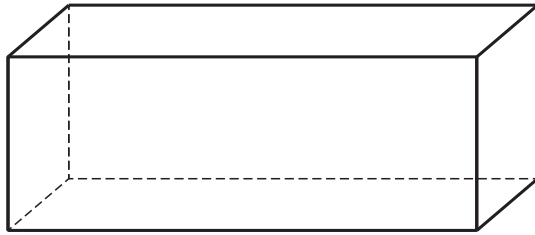
50%

Shade one bubble.



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4 How many corners does this prism have?



10

8

12

6

Shade one bubble.



5 A teacher gathered information from 35 students about who wears glasses.

Write the missing number in the blank space in the table below:

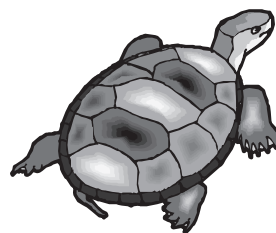
	Always wear glasses	Sometimes wear glasses	Never wear glasses
Boys	5		7
Girls	4	5	9

Write your answer in the box.



6 Akhil's pet turtle travels at 30 cm per minute.

How far will his turtle travel in 9 minutes?



210 cm

270 cm

170 cm

39 cm

Shade one bubble.



7 Which is the best way to estimate the total of this bill?

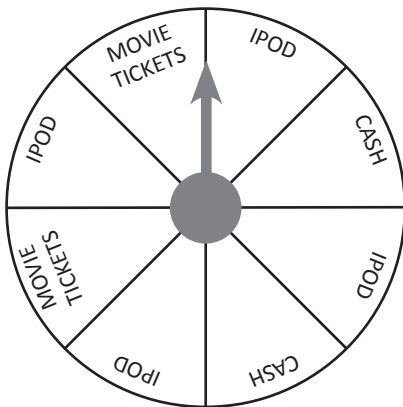
1 drink	\$4.90
1 lentil burger	\$7.30
1 bowl beetroot chips	\$3.95
TOTAL	_____

- \$5.00 + \$7.00 + \$4.00
- \$5.00 + \$7.00 + \$3.00
- \$5.00 + \$6.00 + \$4.00
- \$4.00 + \$7.00 + \$4.00

Shade one bubble. 

8 The spinner is used to decide what prize is won.

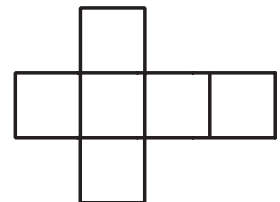
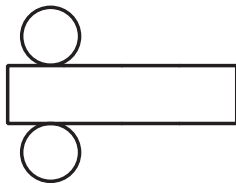
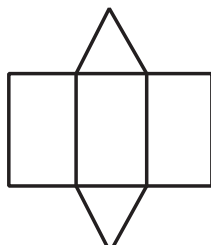
What is the chance that the arrow will point to either the cash or the movie tickets?



- impossible
- fifty-fifty
- certain
- two out of eight

Shade one bubble. 

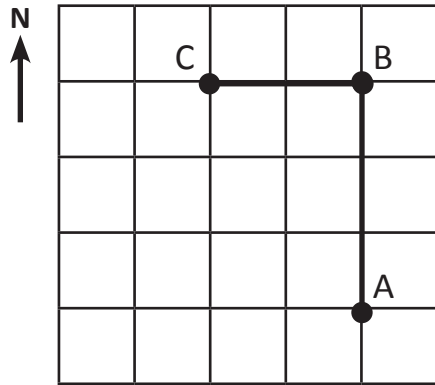
9 Which of these nets could you use to make a triangular prism?



Shade one bubble. 

10 Grace is travelling from A to B to C.

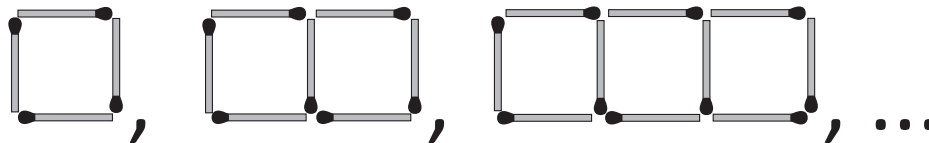
What direction does she travel?



- north then east
- east then south
- north then west
- east then north

Shade one bubble.

11 Dan made a pattern with matchsticks.



Complete the table:

Number of squares	1	2	3	4	5
Number of matchsticks	4	7	10		16

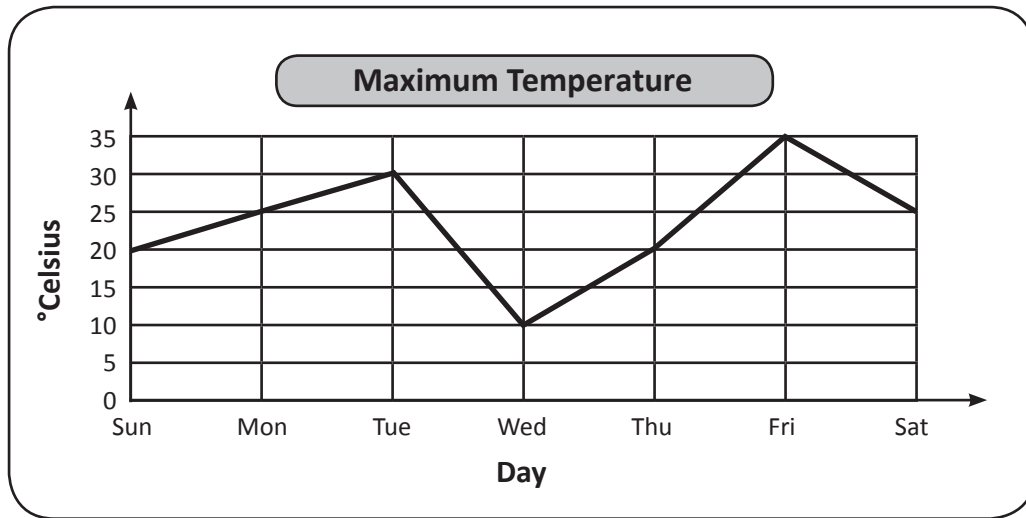
Write your answer in the box.

12 The nearest whole number to 46.68 is:

- 46
- 47
- 40
- 50

Shade one bubble.

13 What was the maximum temperature on Thursday?



10°C

15°C

20°C

25°C

Shade one bubble.



14 $\frac{1}{6}$ of 24 =

Write your answer in the box.



15 The time on this clock is:



7:15

7:03

3:35

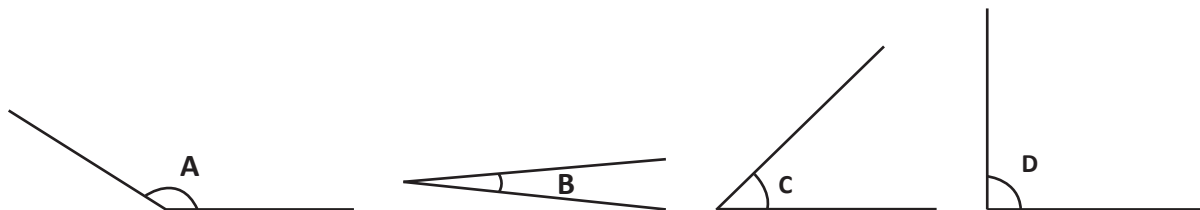
3:07

Shade one bubble.



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16 Write the letters A, B, C, D to order these marked angles from smallest to largest.



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Write your answer in the box.



17 How long will it take to drive 150 km at a speed of 75 km an hour?

- 75 minutes
- 90 minutes
- 120 minutes
- 150 minutes

Shade one bubble.



18 What is the perimeter of this shape?

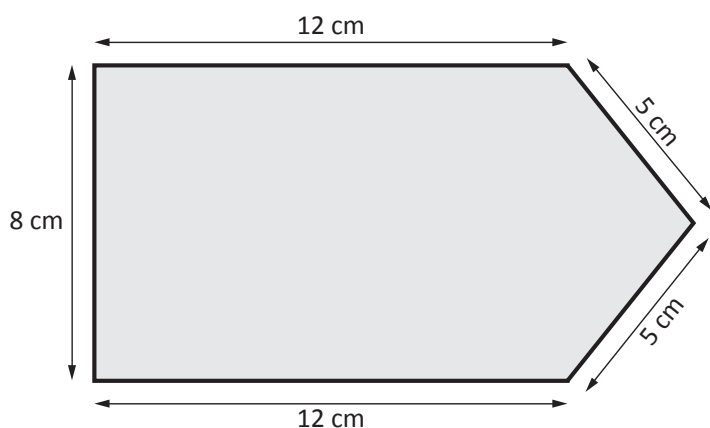


Diagram not drawn to scale.

- 38 cm
- 40 cm
- 42 cm
- 45 cm

Shade one bubble.



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19 $2\frac{3}{8} = \frac{\boxed{?}}{8}$

The missing number is:

16

18

19

21

Shade one bubble.



20 $50 - 4 = 2 \times \boxed{}$

Write your answer in the box.



21 4 equal bags of flour weigh 1.6 kg in total. What is the weight of 1 bag of flour?

4 000 grams

300 grams

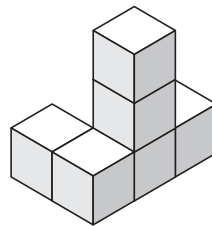
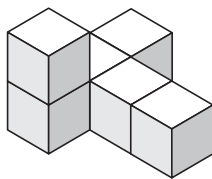
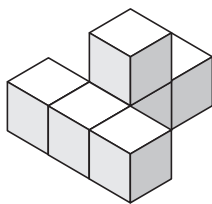
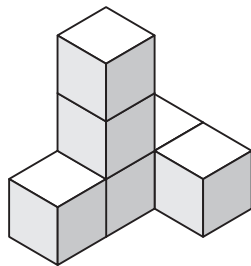
1 600 grams

400 grams

Shade one bubble.



22 Which one of the solids below is not the same as this solid?



Shade one bubble.



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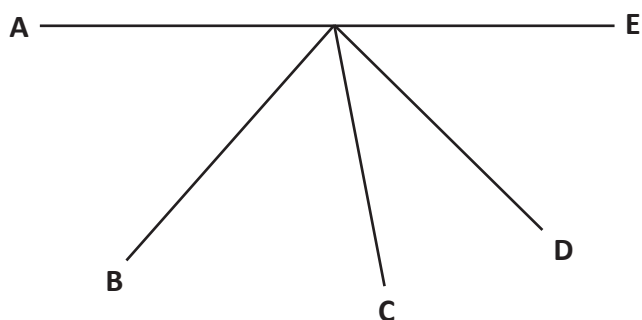
23 Jackson's pocket money of \$10 is increased by 30%.

His new allowance is:


- \$11 \$13 \$10.30 \$15

Shade one bubble. 

24 Between which two lines could an angle of 180° be drawn?

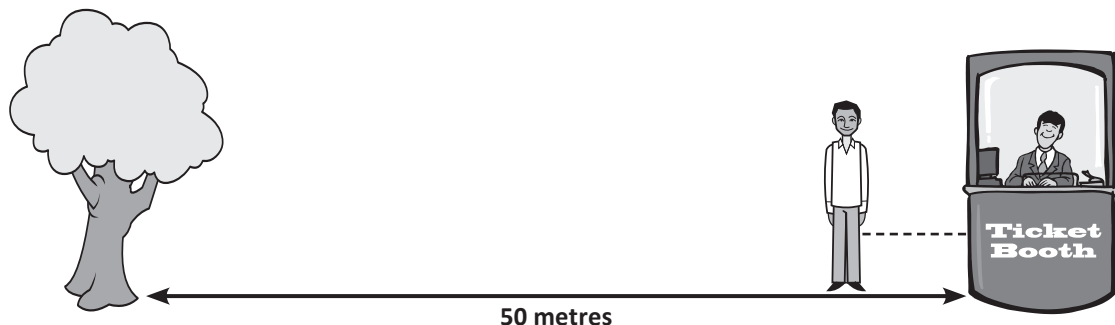


- A and D B and D C and E A and E


Shade one bubble. 

25 A person is about to buy a ticket to the circus. The distance between the tree and the ticket booth is 50 metres.

Estimate the distance between where the person is standing and the ticket booth.



- 6 metres 12 metres 15 metres 25 metres

Shade one bubble. 

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26 Sam starts with a number. She multiplies it by 4 and then subtracts 4. The answer is 12.

What number did she start with?

- 3 4 6 10

Shade one bubble.



27 Out of 64 students, half get lunch orders and 20 students bring their lunch to school everyday. How many students sometimes get lunch orders and/or sometimes bring in their lunch?

- 6 8 10 12

Shade one bubble.



28 8, 16, 32, 64, ,

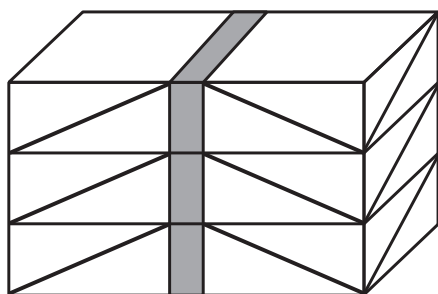
What are the next two numbers in this pattern?

- 126 and 158
 126 and 160
 128 and 260
 128 and 256

Shade one bubble.



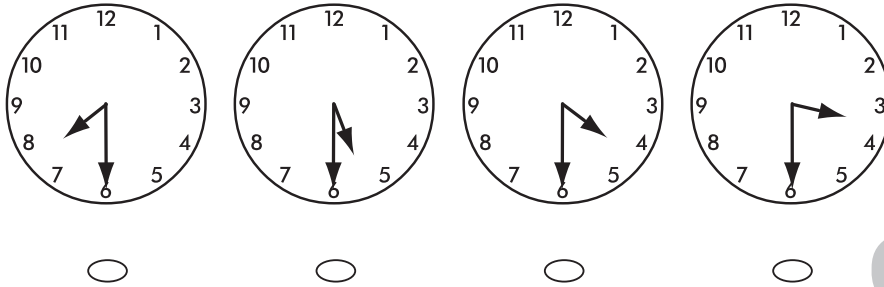
29 How many horizontal lines are in this drawing?



Write your answer in the box.



30 Which clock shows 16:30?



Shade one bubble.

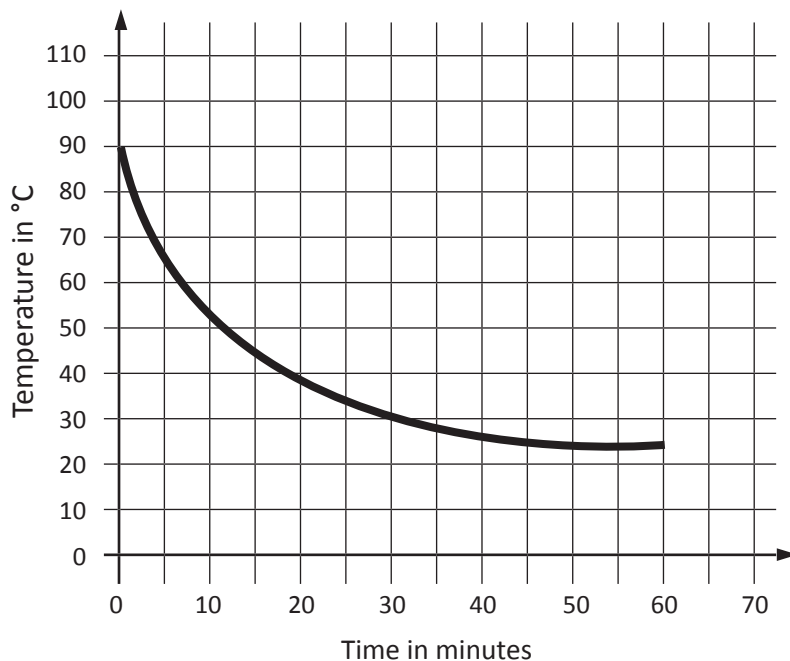
31 65, 50, 45, 30, 25

This rule can be described as:

- Add 5 then add 15.
- Double the previous number then subtract 70.
- Subtract 15 then subtract 5.
- Subtract 15 then subtract 10.

Shade one bubble.

32 Some water was heated and then left to cool down.



How long did it take to reach 45°C?

minutes

Write your answer in the box.

END OF TEST

Working out space

