



Mathletics

NAPLAN Year 5 Numeracy Test 1



Answers



A 3P Learning product



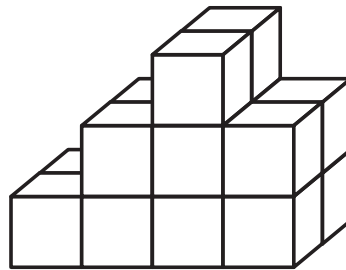
1 Write the letters A, B, C, D to order these angles from smallest to largest.



C	A	B	D
smallest			largest

Write your answer in the box.

2 This model is made using cubes.



How many cubes are in this model?

12	14	16	18
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Shade one bubble.

3 Which number is four hundred and fourteen?

414	440	4 014	444
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Shade one bubble.

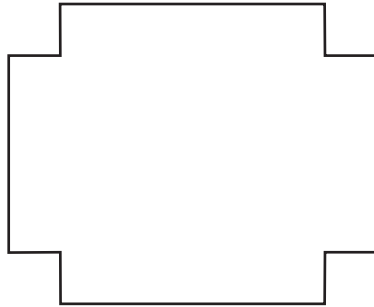
4 Here is a number pattern. Which number is missing?



12	20	28	32
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Shade one bubble.

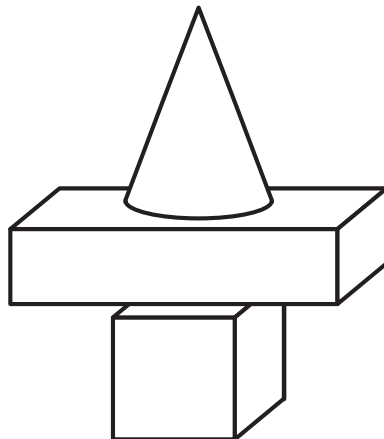
5 How many lines of symmetry does this shape have?



- 1 2 3 4

Shade one bubble.

6 Leo balanced some blocks. Which shape did he not use?



- cube
 cylinder
 cone
 rectangular prism

Shade one bubble.

7 This table shows students in Year 5 who wear a watch and those who do not wear a watch.

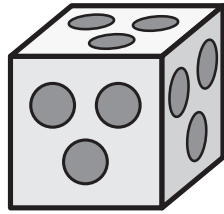
	Watch	No Watch
Boys	13	8
Girls	9	14

How many students do not wear a watch?

22

Write your answer in the box.

8 This cube has the same pattern on all of its faces.



How many circles are on this cube altogether?

- 9 12 18 21

Shade one bubble.

9 Mish put circles around part of a hundreds chart to show a pattern.

Her pattern is: 4, 8, 12, 16, 20, 24, 28, ...

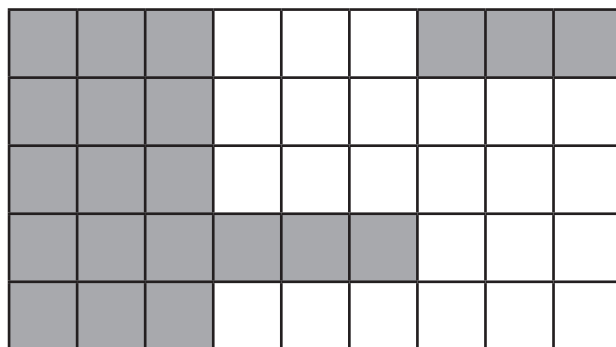
What is the 9th number in Mish's pattern?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

- 30 32 34 36

Shade one bubble.

10 The total shaded area of this grid in square units is:



= 1 square unit

- 21 22 23 24

Shade one bubble.

11 $1\ 204 \div 4 = \boxed{?}$

4 816

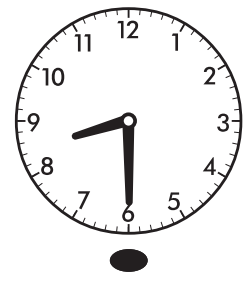
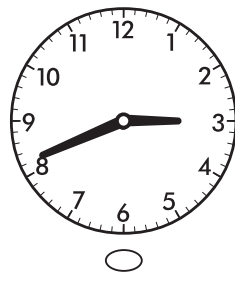
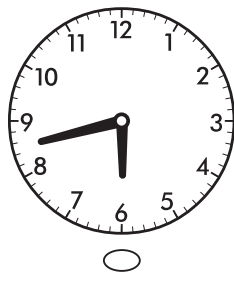
1 208

301

31

Shade one bubble.

12 Which clock shows 8:30 am?



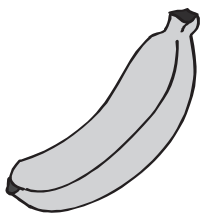
Shade one bubble.

13 Manoj has 6 red apples and 2 green apples. When he puts 6 of these apples in a bag, the apple is more likely to be red. The bag could contain:

- 1 red and 5 green
- 3 red and 3 green
- 4 red and 2 green
- 2 red and 4 green

Shade one bubble.

14 Jackson buys 2 bananas and 1 cupcake. How much does this cost?



Bananas: 55c each



Cupcakes: 80c each

\$1.80

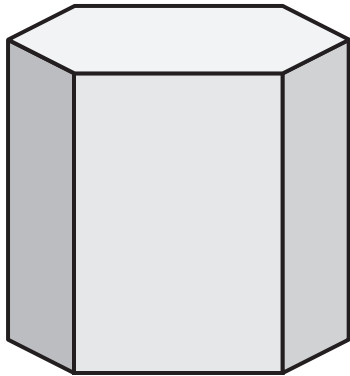
\$1.90

\$2.00

\$2.05

Shade one bubble.

15 This 3D model is:



- A hexagonal pyramid
- A hexagonal prism
- An octagonal prism
- An octagonal pyramid

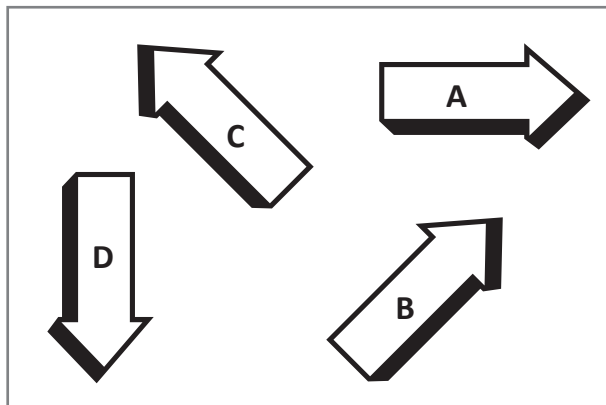
Shade one bubble.

16 Which number is smaller than 4.06?

- | | | | |
|-----------------------|-----------------------|-----------------------|----------------------------------|
| 4.6 | 4.30 | 4.14 | 4.03 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |

Shade one bubble.

17 In the diagram arrow A is pointing east.

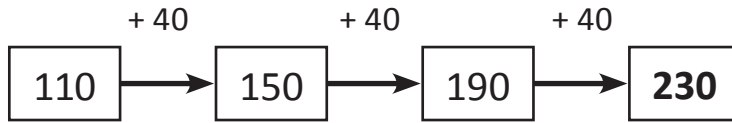


Which direction is arrow D pointing in?

- north
- south
- east
- west

Shade one bubble.

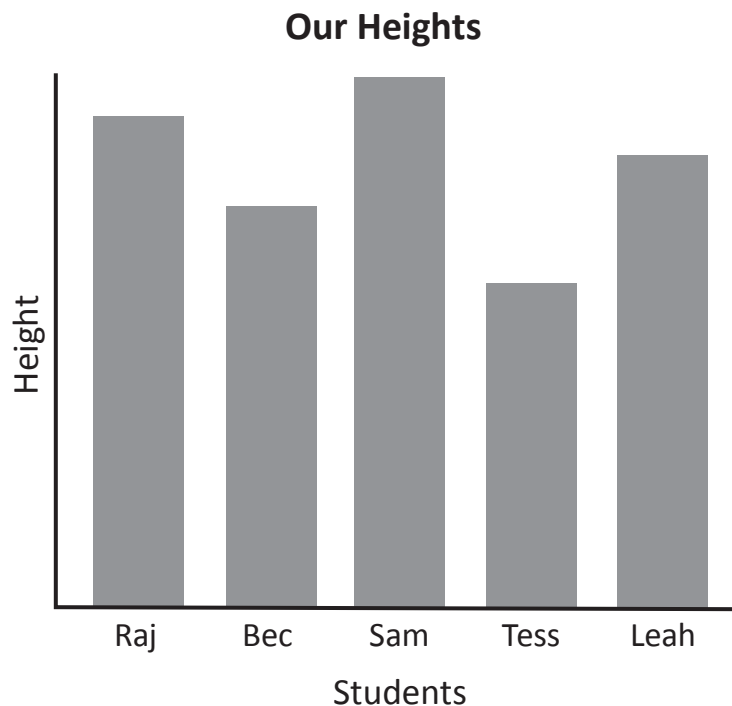
18 What is the next number in this pattern?



Write your answer in the box.



19 This graph shows the heights of some students.



Which statement is true?

- Raj is taller than Sam
- Leah is the tallest
- Bec is the shortest
- Sam is the tallest

Shade one bubble.



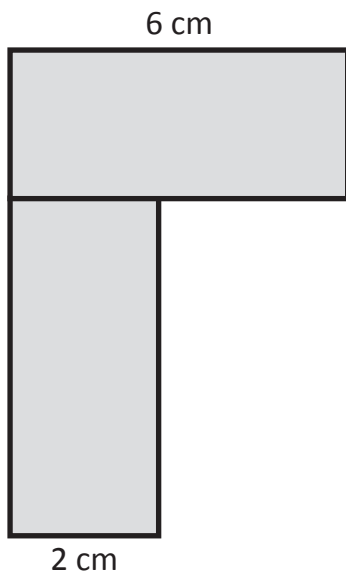
20 Write the missing number:

$$4 \times \boxed{9} = 6 \times 6$$

Write your answer in the box.



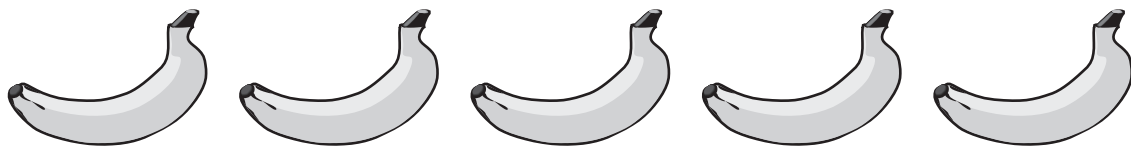
- 21 This shape is made up of two identical rectangles. What is the perimeter of the new shape?



- 28 cm
- 26 cm
- 30 cm
- 32 cm

Shade one bubble.

- 22 A fruit shop owner made a display with some bananas.



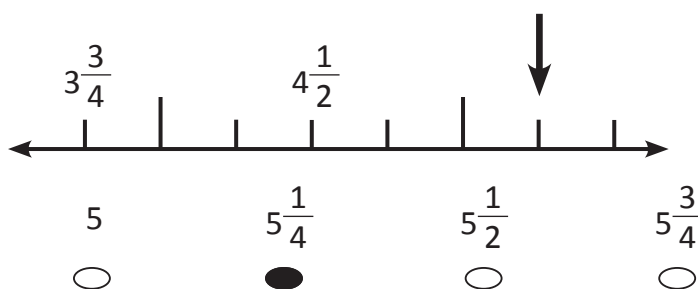
He placed 5 in a row and made 4 rows.

How many bananas were in the display altogether?

20

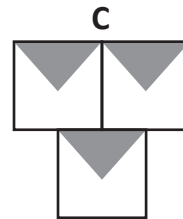
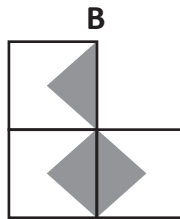
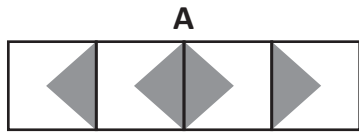
Write your answer in the box.

- 23 Which number goes where the arrow is pointing?



Shade one bubble.

24 Which shape and its pattern has no lines of symmetry?



A

B

C

D

Shade one bubble.

25 Heather spent \$28 on a book for her sister, \$41 on hand cream for her mum and \$12 on a kite for herself.

Which number sentence will give the best estimate of the total cost?

$\$28 + \$41 + \$12$

$\$28 + \$41 + \$10$

$\$30 + \$41 + \$12$

$\$30 + \$40 + \$10$

Shade one bubble.

26 Tamsin multiplied 23 by a number. She got 92 as the answer.

What number did she multiply by?

5

4

3

2

Shade one bubble.

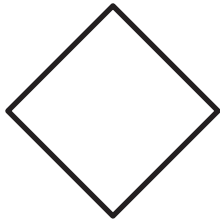
27 What fraction of this shape is shaded?



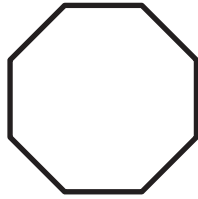
6
—
10

Write your answer in the box.

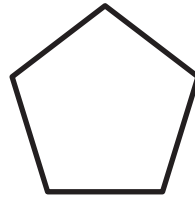
28 Which of these shapes is a pentagon?



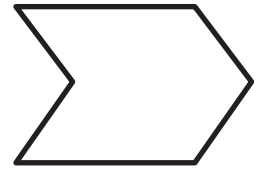
A



B



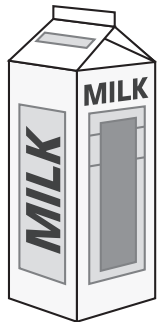
C



D

Shade one bubble.

29 How many times could this carton of milk fill this 200 mL glass?



← 1 L



← 200 mL

5

Write your answer in the box.

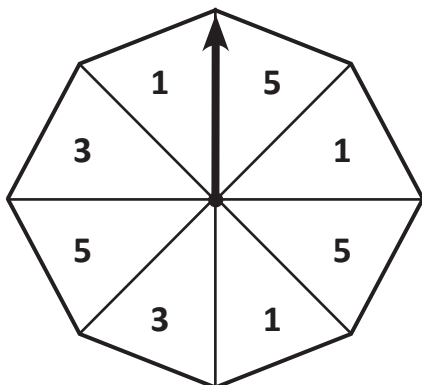
30 What is the largest 4 digit number that you can make using these cards?



7 531

Write your answer in the box.

31 What is the chance that the arrow will land on a 3?

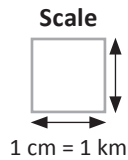
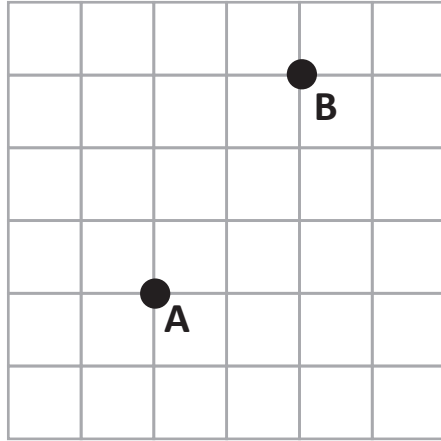


- $\frac{4}{8}$
- $\frac{3}{8}$
- $\frac{2}{8}$
- $\frac{1}{8}$

Shade one bubble.

32 Mia's house is at Point A. The shops are at Point B.

What is the shortest distance along the grid lines between Mia's house and the shops? Use the scale.



- 3 cm
- 5 cm
- 3 km
- 5 km

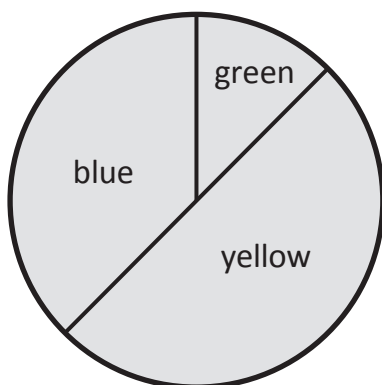
Shade one bubble.

33 Which numbers are in order from smallest to largest?

- 115, 201, 191
- 373, 381, 401
- 272, 319, 289
- 381, 371, 361

Shade one bubble.

34 This pie graph shows the favourite colours of 100 people.
How many people like yellow the best?



- 80
- 25
- 50
- 75

Shade one bubble.

35 Which is the next bus I can catch according to the time on the clock?



Bus Times	
Bus A	12:08
Bus B	12:35
Bus C	12:45
Bus D	12:57

Bus A



Bus B



Bus C

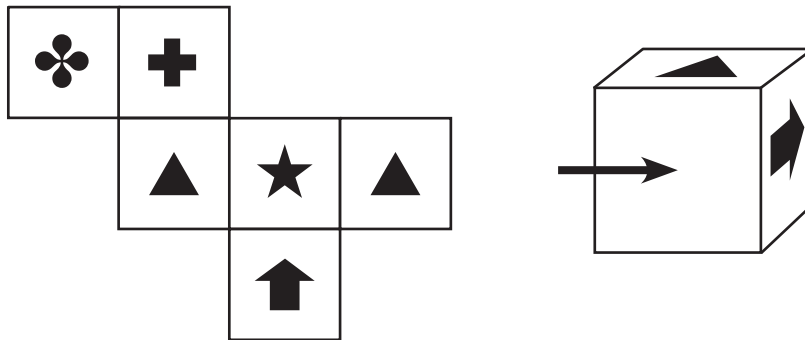


Bus D



Shade one bubble.

36 A cube is made from the following net. Which shape goes on the face where the arrow is pointing?



Shade one bubble.


37 Add a digit to make this number sentence true.

Write your answer in the box.

$$\begin{array}{|c|c|c|} \hline 4 & 3 & 2 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 3 & 8 \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 4 & 7 & 0 \\ \hline \end{array}$$

38 A group of 55 children went to the beach for a picnic. 37 went swimming.
How many did not go swimming?

- 17 18 12 22
-

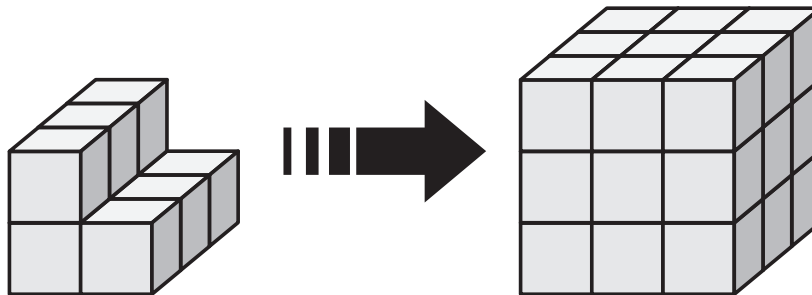
Shade one bubble. 

39 A rope is 9 metres long. This is the same as:

- 9 cm
- 90 cm
- 900 cm
- 8 000 cm

Shade one bubble. 

40 Chan added some small cubes to this shape to make a large cube.



How many did he add to make this larger cube?

- 12 15 18 21
-

Shade one bubble. 

END OF TEST