Today's date is:

The following test has been designed by 3P Learning to prepare students for the National Assessment Program Numeracy Test. This test is to be used for revision purposes only. 3P Learning does not guarantee that the format of this test is the same as an actual test.

Student Details

First Name

Last Name

Today’s date is: ______________________

Test Instructions

You have 50 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.

The following test has been designed by 3P Learning to prepare students for the National Assessment Program Numeracy Test. This test is to be used for revision purposes only. 3P Learning does not guarantee that the format of this test is the same as an actual test.
1. Write the letters A, B, C, D to order these angles from smallest to largest.

   - B
   - C
   - D
   - A

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

2. This model is made using cubes.

   - How many cubes are in this model?
     - 6 8 10 12

   Shade one bubble.

3. Which number is five hundred and thirteen?

   - 513 530 5 113 533

   Shade one bubble.

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

   - 2 4 8 ?
     - 6 10 12 16

   Shade one bubble.
5. How many lines of symmetry does this shape have?

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

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

<table>
<thead>
<tr>
<th></th>
<th>Watch</th>
<th>No Watch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boys</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>Girls</td>
<td>18</td>
<td>12</td>
</tr>
</tbody>
</table>

How many students do not wear a watch?
8. This cube has the same pattern on all of its faces.

How many stars are on this cube altogether?

6  8  10  12

9. Mish put circles around part of a hundreds chart to show a pattern. Her pattern is: 3, 6, 9, 12, 15, ...

What is the 12th number in Mish’s pattern?

<p>| | | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
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<td>21</td>
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<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>30</td>
</tr>
</tbody>
</table>

33  36  39  42

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

= 1 square unit

21  22  23  24
11. \( 2412 \div 4 = \) ?

- 6003
- 630
- 603
- 63

Shade one bubble.

12. Which clock shows 9:30 am?

- Shade one bubble.

13. Rick has 4 red apples and 4 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. Raj buys 2 apples and 1 drink. How much does this cost?

- Shade one bubble.

Apples: 65c each
Drinks: 70c each

- $1.30
- $1.40
- $2.00
- $2.05
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 2.02?

- 2.2
- 2.30
- 2.14
- 2.01

Shade one bubble.

17  In the diagram arrow D is pointing south.

Which direction is arrow A pointing in?

- North
- South
- East
- West

Shade one bubble.
18. What is the next number in this pattern?

\[ 120 \rightarrow 150 \rightarrow 180 \rightarrow \square \]

Write the answer in the box.

19. This graph shows the heights of some students.

Our heights

Students

<table>
<thead>
<tr>
<th>Height</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Raj</td>
</tr>
<tr>
<td></td>
<td>Lim</td>
</tr>
<tr>
<td></td>
<td>Bec</td>
</tr>
<tr>
<td></td>
<td>Tess</td>
</tr>
<tr>
<td></td>
<td>Leah</td>
</tr>
</tbody>
</table>

Which statement is true?

- Raj is taller than Bec
- Tess is the tallest
- Bec is the shortest
- Tess is the shortest

Shade one bubble.

20. Write the missing number:

\[ 2 \times \square = 4 \times 4 \]

Write one number in the box.
21. This shape is made up of two identical rectangles. What is the perimeter of the new shape?

- 9 cm
- 3 cm

Options:
- 36 cm
- 38 cm
- 42 cm
- 45 cm

Shade one bubble.

22. A fruit shop owner made a display with some apples.

He placed 6 in a row and made 4 rows. How many apples were in the display altogether?

Write the answer in the box.

23. Which number goes where the arrow is pointing?

Options:
- 6
- 6 1/4
- 6 1/2
- 6 3/4

Shade one bubble.
24 Which shape and its pattern has no lines of symmetry?

A
B
C
D

25 Eve spent $22 on a book for her dad, $37 on hand cream for her mum and $18 on a kite for herself.
Which number sentence will give the best estimate of the total cost?

$20 + $30 + $10
$20 + $30 + $20
$20 + $40 + $10
$20 + $40 + $20

26 Tamsin multiplied 48 by a number. She got 96 as the answer.
What number did she multiply by?

5
4
3
2

27 What fraction of this shape is shaded?

\[ \frac{5}{8} \]
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 250 mL glass?

Write the answer in the box.

250 mL

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

Write one number in the box.

2  6  4  1

31. What is the chance that the arrow will land on a 5?

Shade one bubble.

\[
\begin{align*}
\frac{4}{8} \\
\frac{3}{8} \\
\frac{2}{8} \\
\frac{1}{8}
\end{align*}
\]
32. Travelling along the line of the grid, the shortest distance from Mia’s house to the shops is:

33. Which numbers are in order from smallest to largest?

- 129, 239, 130
- 469, 493, 512
- 257, 311, 193
- 521, 647, 526

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

- Shade one bubble.
35 Which is the next bus I can catch according to the time on the clock?

![Bus times table]

<table>
<thead>
<tr>
<th>Bus A</th>
<th>Bus B</th>
<th>Bus C</th>
<th>Bus D</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:12</td>
<td>11:27</td>
<td>11:42</td>
<td>11:57</td>
</tr>
</tbody>
</table>

Shade one bubble.

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

![Net and cube diagram]

Shade one bubble.

37 Add a digit to make this number sentence true.

\[
511 + 2 = 540
\]
A group of 64 children went to the beach for a picnic. 35 went swimming. How many did not go swimming?

28  29  30  31

A rope is 6 metres long. This is the same as:

- 6 cm
- 60 cm
- 600 cm
- 7 000 cm

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

How many did he add to make this larger cube?

- 18
- 6
- 14
- 15

END OF TEST