You have 45 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.
This model is made of one sphere and some cylinders.

How many cylinders are there?

- 2
- 3
- 5
- 4

What is the next number in this counting pattern?
17, 21, 25, 29?

- 30
- 31
- 32
- 33

Write one digit in each box.

Shade one bubble.
Look at this spinner:

What is the probability of spinning a 6?

- 1 in 2
- 1 in 5
- 1 in 10
- 1 in 20

The missing fraction is:

- \( \frac{1}{2} \)
- \( \frac{3}{12} \)
- \( \frac{4}{12} \)
- \( \frac{5}{10} \)

Which part of the pattern is missing?
A group of children read some books over the school holidays:

<table>
<thead>
<tr>
<th>Name</th>
<th>Number of books</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kim</td>
<td>6</td>
</tr>
<tr>
<td>Suri</td>
<td>4</td>
</tr>
<tr>
<td>Ben</td>
<td>9</td>
</tr>
<tr>
<td>Ali</td>
<td>3</td>
</tr>
<tr>
<td>Will</td>
<td>2</td>
</tr>
<tr>
<td>Zac</td>
<td>8</td>
</tr>
</tbody>
</table>

How many children read more than 5 books?  

The smallest number that can be made using all these digits is:

- 12 639
- 12 396
- 12 936
- 12 369

Write one digit in each box.

Write your answer in the box.

Shade one bubble.
10. Times Tables Scores

<table>
<thead>
<tr>
<th>Score</th>
<th>Chaz</th>
<th>Bec</th>
<th>Kim</th>
<th>Ali</th>
<th>Chris</th>
<th>Nick</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>5</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

What is Kim's score?

11. What fraction of the shape is shaded?

<table>
<thead>
<tr>
<th>Fraction</th>
<th>Shaded</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/9</td>
<td></td>
</tr>
<tr>
<td>1/3</td>
<td></td>
</tr>
<tr>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>5/9</td>
<td></td>
</tr>
</tbody>
</table>

12. The time on this clock is:

- 2:15
- 2:21
- 9:10
- 9:02
Which of the following could be used to measure the area of a school playground?

- Square metres
- Kilometres
- Millimetres
- Millilitres

14. Toni bought these lollipops.

Each lollipop cost her $0.50.

How much did Toni pay for the lollipops altogether?

- $0.50
- $1.00
- $2.50
- $2.00

15. \[ 6 \times 30 = \phantom{0} \]

Write your answer in the box.

16. \[ ? - 17 = 8 \]

The missing number is

- 7
- 8
- 25
- 18
17 Look at this balance scale:

What is the mass of the bucket of sand?

☐ 250 grams  ☐ 500 grams  ☐ 1000 grams  ☐ 750 grams

18 There are 20 people on a bus.

At the next stop 12 people get off the bus and 4 people get on the bus.

How many people are on the bus now?

☐ 4  ☐ 8  ☐ 12  ☐ 16

19 This pictograph shows some people's favourite colours.

Favourite Colours

<table>
<thead>
<tr>
<th>Colour</th>
<th>Number</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Blue</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Green</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

How many people did not choose red?

☐ 5  ☐ 7  ☐ 21  ☐ 31
20. \[ 532 - 250 = ? \]

\[ 782 \]
\[ 282 \]
\[ 750 \]
\[ 272 \]

21. Which clock shows the time 7:30?

\[ \text{Options: } (3,4), (2,3), (2,1), (1,2) \]

22. If the dot is shown at (3,4) then the star is shown at:

\[ 4 \]
\[ 3 \]
\[ 2 \]
\[ 1 \]

\[ 0 \]
\[ 1 \]
\[ 2 \]
\[ 3 \]
\[ 4 \]

\[ (3,2) \]
\[ (2,3) \]
\[ (2,1) \]
\[ (1,2) \]

23. \[ 64 \div 4 = \]
24 Which of these shapes has the largest area?

25 Ben bought a drink and a hamburger.

26 Jack has 4 red smarties, 5 blue smarties, 6 brown smarties and 2 pink smarties. He chooses a smartie without looking. The smartie he chooses is least likely to be:
27 800 grams is:

○ less than half a kilogram.
○ between half a kilogram and one kilogram.
○ between one kilogram and two kilograms.
○ more than two kilograms.

28 Jess has a bag of 38 lollies. She shares them equally amongst 6 friends. How many lollies are left over?

29 \[40 + 16 = \square + 26\]

30 Which one of these shapes is a pentagon?

31 On the number line, which arrow is pointing to \(2 \frac{1}{2}\)?
32 Which group has $\frac{1}{3}$ of the objects shaded?

33 An elephant is 3 metres long. It is walking towards the next tree.

The distance between the trees is closest to:

- 5 metres.
- 9 metres.
- 15 metres.
- 24 metres.

34 Mia’s school is selling cup cakes.

Which is the cheapest buy?

- 3 for 60 cents
- 15 cents each
- 20 cents each
- 4 for one dollar
Ben went to the shops to spend his pocket money.

He bought a magazine for $4, a drink for $2.50 and some lollies.

What information is needed to find the total amount that he spent?

- The type of drink he bought.
- How much pocket money he gets.
- The title of the magazine.
- The cost of the lollies.