Instructions

Numeracy is an essential component of nursing, and required for many clinical skills. This is an assessment of how well you understand numeracy problems.

You need to answer or choose the answer you think is best for each question.

For your group interview, you will have 30 minutes to complete this assessment. You can expect 30 questions. On the pages following is a sample of 10 questions, which are reflective of the types of questions you can expect.
1. Tui buys a car.

How much will the car cost Tui in total?

$ ____________

2. This table shows the reward points needed for one year’s subscription to each of these four different magazines.

<table>
<thead>
<tr>
<th>Magazine</th>
<th>Reward Points needed</th>
<th>Number of issues per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sport NZ</td>
<td>500 points</td>
<td>10 issues</td>
</tr>
<tr>
<td>Petz</td>
<td>450 points</td>
<td>12 issues</td>
</tr>
<tr>
<td>Healthy Lives</td>
<td>220 points</td>
<td>11 issues</td>
</tr>
<tr>
<td>Catering</td>
<td>240 points</td>
<td>6 issues</td>
</tr>
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How many points are required to subscribe to 40 issues of Sport NZ?

a) 200
b) 540
3. The supermarket meat was at a temperature of 3ºC. The temperature dropped to -1ºC.

By how much has the temperature changed?

a) It has gone down by 2 ºC.
b) It has gone down by 3 ºC.
c) It has gone down by 4 ºC.
d) It has gone up by 2 ºC.

4. Joshua was asked to multiply $47.80 by 1.125 on his calculator. The answer Joshua got was $54.253.

Joshua’s answer is wrong. What did he do wrong?

a) Joshua added instead of multiplying
b) Joshua divided instead of multiplying

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c) Joshua subtracted instead of multiplying  
d) Joshua made a mistake with one of the digits in one of the numbers

5. This tray of kiwifruit weighs 3.5 kg. A pallet holds 174 trays of kiwifruit.

What is the weight of 174 trays of kiwifruit?

_____________ kg

6. A 3-digit number uses all of the three digits below. The number is greater than 4.5 but less than 5.

What is the number?

_____________

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7. Here is the electricity account for the E household.

![Electricity Account](image)

The computer misprinted the total electricity charges. What should this amount be?

$ _____________

8. Identify which of the following equal $10^4$?

Circle **Yes** or **No** for each one.

- $10 \times 4$ **Yes** **No**
- $10 \times 10 \times 10$ **Yes** **No**
- $10 \times 10 \times 10 \times 10$ **Yes** **No**
- $10 + 10 + 10 + 10$ **Yes** **No**
9. Review the picture below.

How much would you pay if you bought the White Microwave Model W275 on sale at the Stocktake sale?

$______________

10. This table shows the reward points needed for one year’s subscription to each of these four different magazines.

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Which magazine would use the most reward points per issue?

____________________________________________
End of Sample questions

Answer Guide

1. $24000
2. C
3. C
4. D
5. 609kg
6. 4.53
7. $170.89
8. No, No, Yes, No
9. $276.50
10. Sport NZ