

NUMERACY

NON-CALCULATOR

YEAR

7

SAMPLE QUESTIONS

These sample questions illustrate some of the question types and formats which will appear in the 2008 NAPLAN.

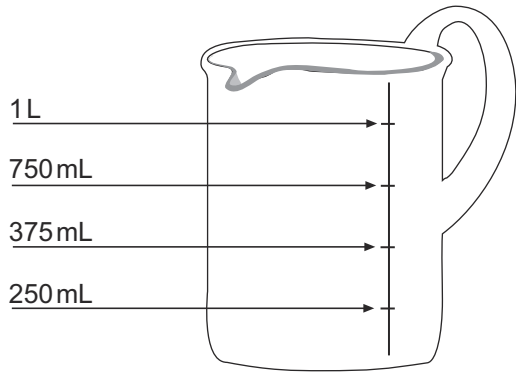
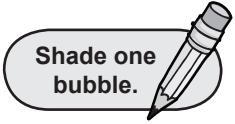
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- The New South Wales Department of Education and Training
- The Western Australian Department of Education and Training
- The South Australian Department of Education and Children's Services
- The Tasmanian Department of Education
- The Australian Capital Territory Department of Education and Training;
- The Northern Territory Department of Employment Education and Training
- The Victorian Curriculum and Assessment Authority
- The Queensland Studies Authority

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Curriculum Corporation on behalf of the Ministerial Council on Education, Employment, Training and Youth Affairs (MCEETYA)

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1 The jug below shows measurements up to one litre.



The measurement marks on the jug are evenly spaced.

Which of the labels is **not** correct?

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 1L | 750mL | 375mL | 250mL |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

2 In a box of 15 cups, 20% are cracked.

How many cups are cracked?

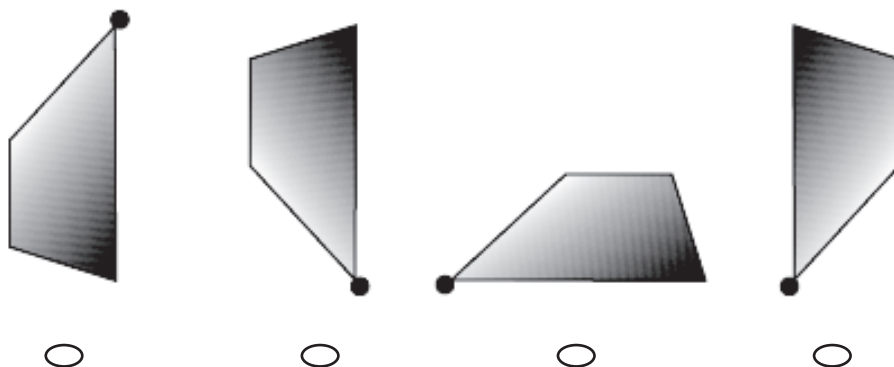
- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 3 | 5 | 10 | 15 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

3 Paul draws this shape.

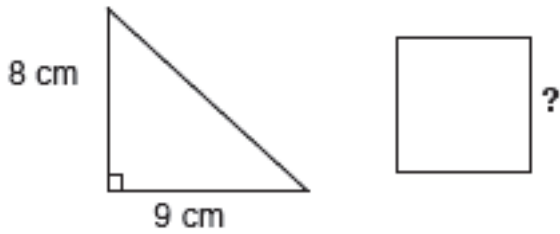
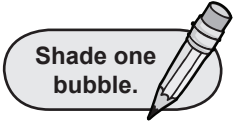


He then rotates it 90° clockwise about the point.

What would it look like after he rotates it?



1 This triangle and this square have the same area.



What is the length of one side of the square?

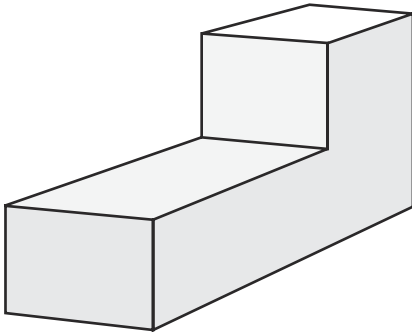
3 cm

6 cm

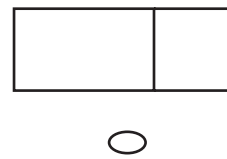
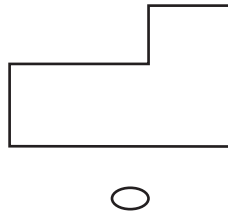
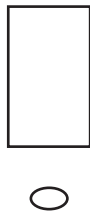
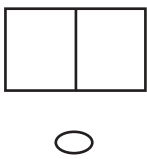
8 cm

12 cm

2

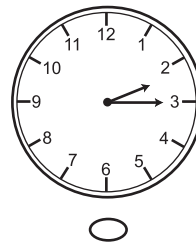
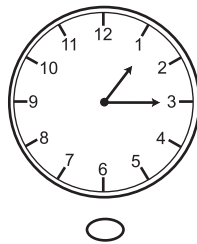
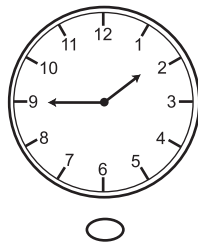
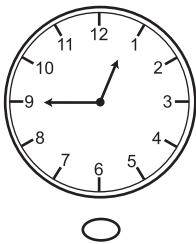


Which diagram below shows the top view of this solid?




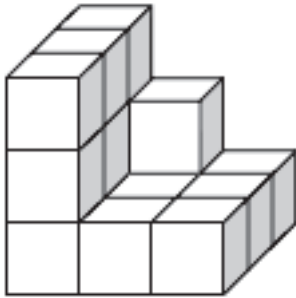
3 Each of these clocks shows a time in the afternoon.

Which clock shows the time 13:45?



- 1** Toby wants to make a solid cube that is 4 small cubes long, wide and high.


Write your answer in the box. 



How many **more** cubes does he need?

cubes

- 2** Water flows from a tap at a constant rate of 0.25 litres per second.
How many seconds does it take to fill an 8 litre bucket?

Shade one bubble. 

- 2 8 16 32

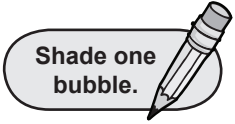
- 3** The table below shows how many students do or do not play tennis in a Year 7 class.

	Do play tennis	Do not play tennis
Male	6	7
Female	8	9

What is the probability that a male chosen at random from this class plays tennis?

- $\frac{6}{7}$ $\frac{6}{13}$ $\frac{6}{14}$ $\frac{6}{30}$

1 Peter's team has six players. They need to score 78 points to win a competition.



To win the competition, the lowest mean (average) number of points needed per player is

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 11 | 12 | 13 | 14 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

2 When a box of oranges was shared equally between 6 people, each person received 10 oranges. There were no oranges left in the box.

If the same box of oranges was shared equally between 5 people, how many oranges would each person receive?

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 8 | 10 | 12 | 15 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

3 Simone starts with a number. She multiplies it by 6, then divides it by 8. The answer is 9.

What number did she start with?

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 6 | 8 | 9 | 12 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

4 12.5 km is equal to

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 125 m | 1250 m | 12 500 m | 125 000 m |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |