

# 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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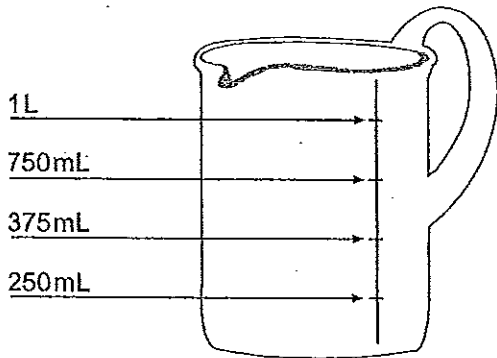
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- The Northern Territory Department of Employment Education and Training
- The Victorian Curriculum and Assessment Authority
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SAMPLE MATERIAL ONLY

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.



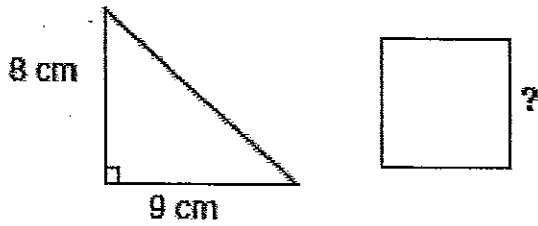
He then rotates it 90° clockwise about the point.

What would it look like after he rotates it?

- |                       |                       |                       |                       |
|-----------------------|-----------------------|-----------------------|-----------------------|
|                       |                       |                       |                       |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

SAMPLE MATERIAL ONLY

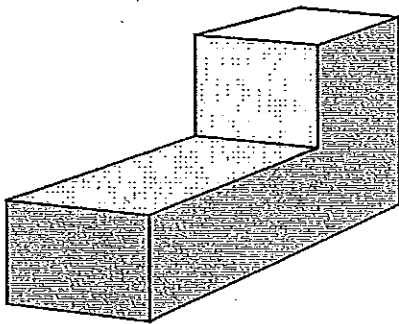
1 This triangle and this square have the same area.



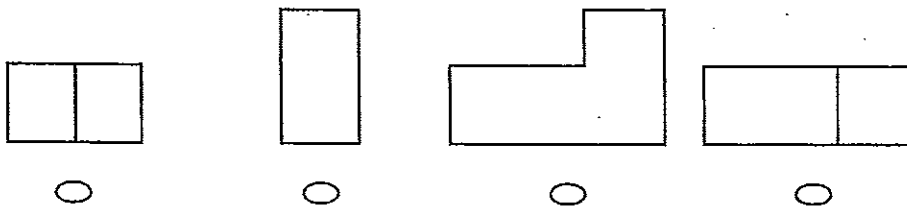
What is the length of one side of the square?

- 3 cm     
  6 cm     
  8 cm     
  12 cm

2

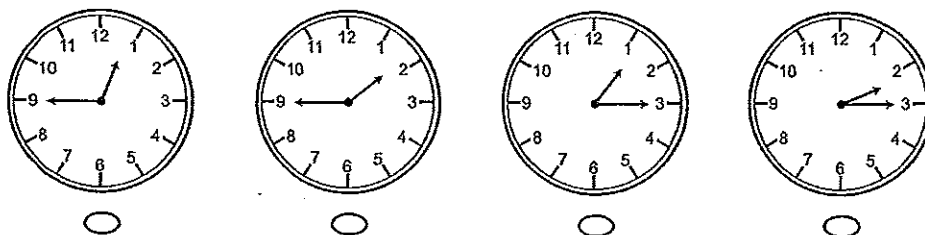


Which diagram below shows the top view of this solid?




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

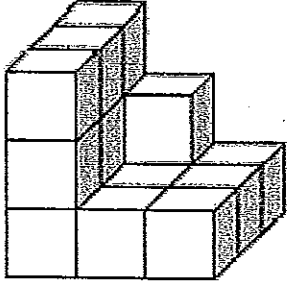
Which clock shows the time 13:45?



SAMPLE MATERIAL ONLY

- 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?

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

SAMPLE MATERIAL ONLY

**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"/> |