

NUMERACY

CALCULATOR-ALLOWED

YEAR

7

SAMPLE QUESTIONS

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

Curriculum Corporation gratefully acknowledges the following organisations in contributing sample material to this document:

- 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

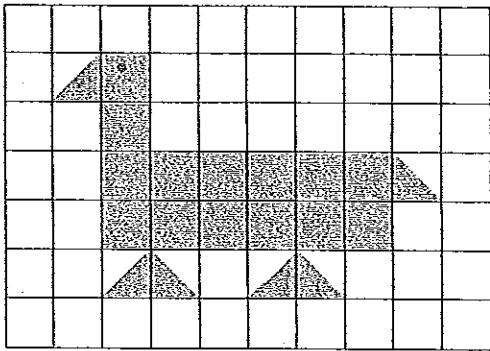
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Victorian Curriculum and Assessment Authority
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SAMPLE MATERIAL ONLY

Not all items in this test require the use of a calculator

1 The shaded area of this picture, in square units, is

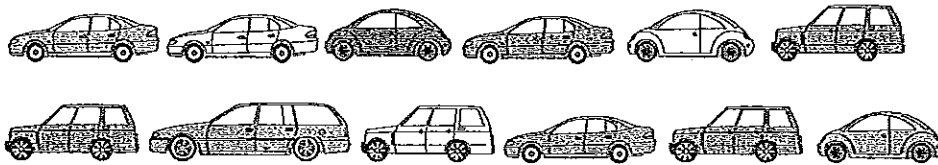


= 1 square unit



- 14 17 19 20
-

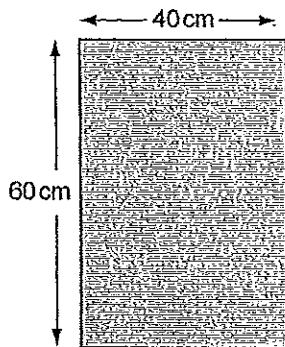
2 Look at these cars.



What fraction of the cars is white?

- $\frac{1}{8}$ $\frac{1}{3}$ $\frac{1}{5}$ $\frac{1}{4}$
-

2 An art class has 15 students. Each student is going to put a narrow frame around their picture as shown.



The wood for frames costs \$2 per metre.

What will be the approximate cost of the wood for the art class to make their frames?

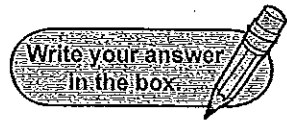
- \$24 \$30 \$48 \$60
-

1

The floor of a shower recess has to be tiled. It is 1 m wide by 1.2 m long.
The tiles to be used are 5 cm wide by 10 cm long.
Each tile costs 95 cents.

What will be the total cost of the tiles?

\$



2

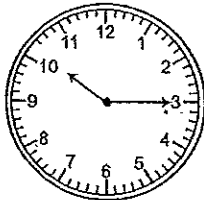
A pack of 4 lamingtons costs \$2.50.
A pack of 6 costs \$3.50.
You need to buy 16 lamingtons.

What is the least amount you can pay?

\$

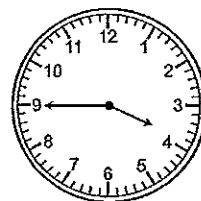
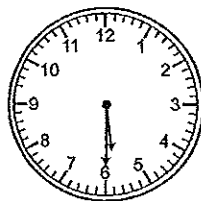
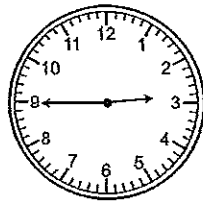
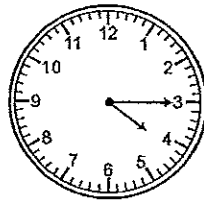
3

This clock shows the time a plane left Sydney for Melbourne.



The plane trip took $5\frac{1}{2}$ hours.

What time would this clock show when the plane arrives in Melbourne?

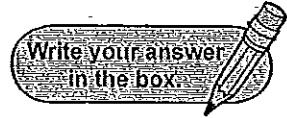


SAMPLE MATERIAL ONLY

Not all items in this test require the use of a calculator

1

Jack walks a distance he knows is 20 metres and counts his paces. It takes him 28 paces to cover the 20 metres. Then he walks around the school oval and counts 504 paces. How many metres is it around the school oval?

 m

2

$$(3 \times 1000) + (5 \times 10) + 4 = \boxed{?}$$



354

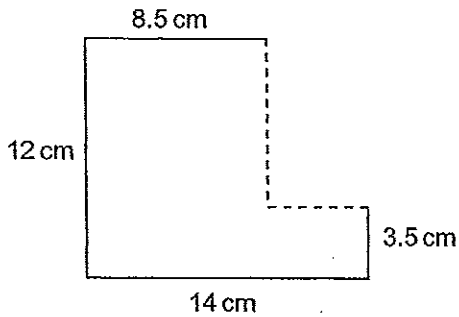
3054

3504

3540

4

Look at this shape.



What is the total length of the two sides with dotted lines?

8 cm

9 cm

14 cm

22 cm

SAMPLE MATERIAL ONLY

Not all items in this test require the use of a calculator

1

The average height of the seven players in a basketball squad is 182 cm. Ben, who is 206 cm tall, joins the squad.

What is the average height of the eight members of the squad now?

Write your answer in the box.

cm

2

The material for the curtains in a classroom costs \$22.80 per metre. 11.3 m is needed.

What will the material cost?

\$

3

There were 25 students in a class. In a class competition, the average number of points scored per student was 150.

Shade one bubble.

What was the total number of points scored by all the students in the class?

- | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 175 | 2750 | 3550 | 3750 |
| <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |