

# **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.

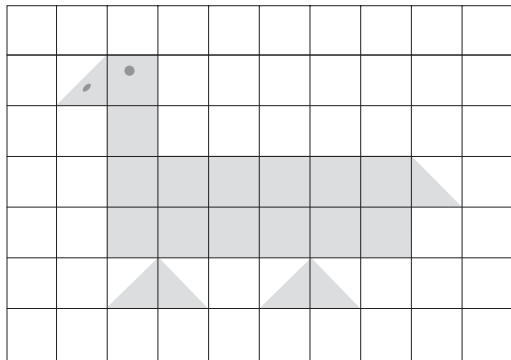
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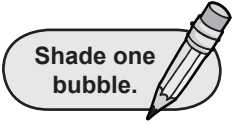
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**1** The shaded area of this picture, in square units, is



= 1 square unit



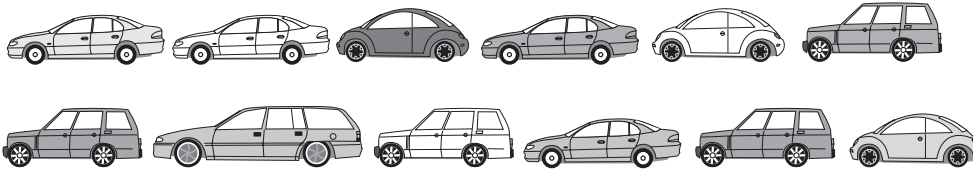
14

17

19

20

**2** Look at these cars.



What fraction of the cars is white?

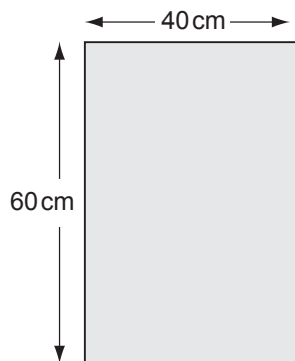
$\frac{1}{8}$

$\frac{1}{3}$

$\frac{1}{5}$

$\frac{1}{4}$

**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

SAMPLE MATERIAL ONLY

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

- 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.

Write your answer in the box. 


What will be the total cost of the tiles?

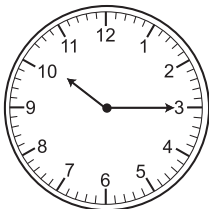
\$

- 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?

\$

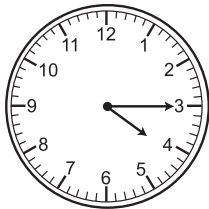
- 3** This clock shows the time a plane left Sydney for Melbourne.

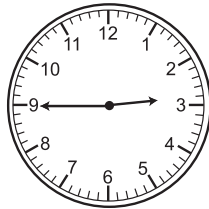
Shade one bubble. 

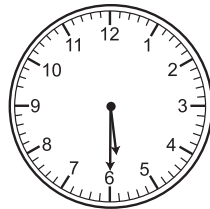


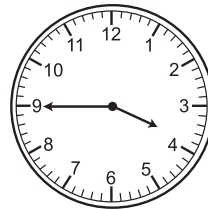
The plane trip took  $5\frac{1}{2}$  hours.

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









- 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?

Write your answer in the box.


 m

**2**  $(3 \times 1000) + (5 \times 10) + 4 = ?$

Shade one bubble.



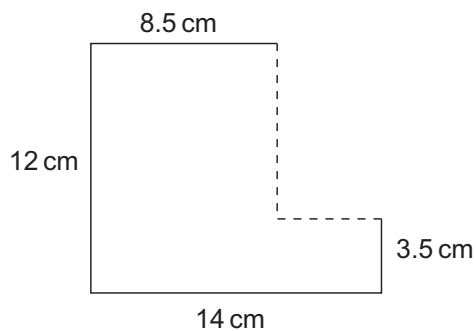
354

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

- 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.

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

Shade one bubble. 

175

2750

3550

3750