



0:40 SESSION 2

Time available for students to complete
test: 40 minutes

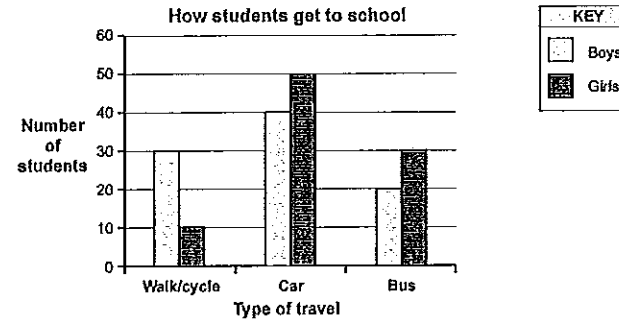
Use 2B or #2
pencil only



YEAR 7 NUMERACY

- 1 This graph shows how students at Ascot College usually get to school.

Write your answer
in the box.



Use the information in the graph to complete this table.

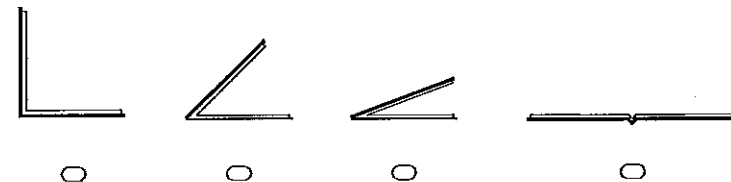
	Walk/cycle	Car	Bus
Boys	30		20
Girls	10	50	30

- 2 Which number is four thousand and seventy-six?

Shade one
bubble.

4067 4760 4706 4076

- 3 Which picture shows a card opened to about 45°?



YEAR 7 NUMERACY

4 This table summarises the time Mick spent walking his dog over five days.

Shade one bubble.

TIME SPENT WALKING THE DOG	
Day	Time
Monday	45 minutes
Tuesday	50 minutes
Wednesday	1 hour
Thursday	62 minutes
Friday	43 minutes

What was the average (mean) time for these walks?

- 40 minutes 52 minutes 65 minutes 260 minutes
-

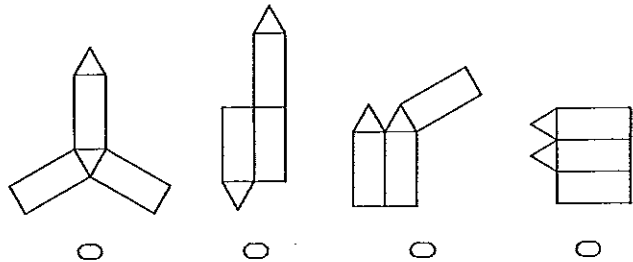
5 Which number is exactly halfway between $1\frac{1}{4}$ and $3\frac{3}{4}$?

- $1\frac{1}{2}$ 2 $2\frac{1}{2}$ $2\frac{3}{4}$
-

6 This is a triangular prism.



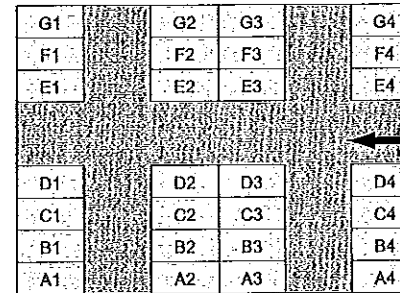
Which diagram is the net of a triangular prism?



YEAR 7 NUMERACY

7 This plan shows the parking spaces in a car park.

Shade one bubble.



Simon enters the car park at the arrow.

He takes the second turn on his left and parks in the third parking space on his right.

Which parking space is this?

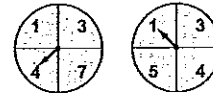
- A1 B1 G2 B2
-

8 Cassie rode her bike for 30 seconds. She rode at a speed of 6 metres per second.

How far did she ride?

- 5m 36m 180m 300m
-

9 Marie spins these two arrows. She adds the numbers in the sections where the arrows stop and gets a total of 5.



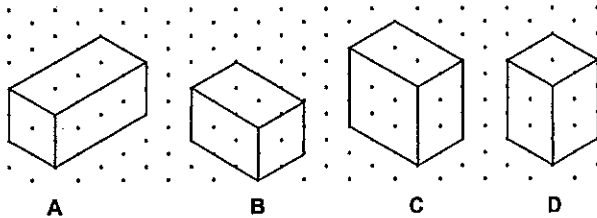
Marie then spins the arrows again. How many different ways can she get a total of 8?

- 1 2 3 4
-

YEAR 7 NUMERACY

- 10 These isometric drawings of some rectangular prisms are labelled A, B, C and D.

Shade one bubble.



Which two drawings are of the same rectangular prism?

A and B B and C C and A B and D

- 11 A car uses an average of 8 litres of fuel for every 100 km travelled. At this rate, how many litres would the car use to travel 250 km?

Write your answer in the box.

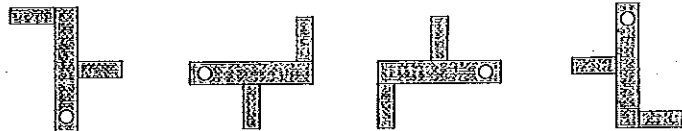
litres

- 12 This shape turns around the white dot.

Shade one bubble.



What does it look like after a three-quarter turn clockwise?

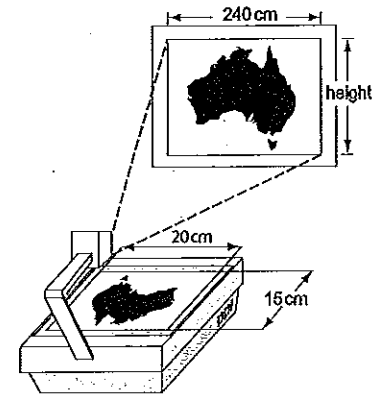


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YEAR 7 NUMERACY

- 13 A projector is used to enlarge this map on to a wall.

Shade one bubble.



What is the height of the enlarged map shown on the wall?

150 cm 180 cm 200 cm 300 cm

- 14 One-fifth of the length of Ruby's skipping rope is 30 cm.

Write your answer in the box.

How long is her rope? cm

- 15 A school has 150 students. 80 of the students each have a book on loan from the library.

Shade one bubble.

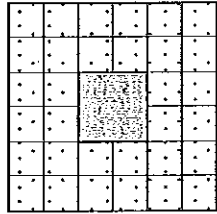
The fraction of students who have a book on loan from the library is closest to

one-fifteenth. one-eighth. one-quarter. one-half.

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YEAR 7 NUMERACY

- 16 Here is a plan of Jim's backyard.



KEY	
	Paving
	Garden

Shade one bubble.



The area of the square garden in the middle is 16 m^2 .

What is the area of the paving in Jim's backyard?

- 20 m^2
 32 m^2
 128 m^2
 144 m^2

- 17 Kim paid \$1.50 for cherries at this price.

How many grams of cherries did she buy?

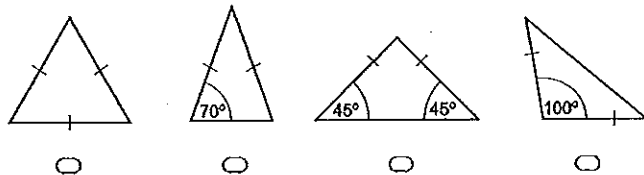


- 0.25 g
 25 g
 150 g
 250 g

- 18 How many hours and minutes are between 2:27 am and 2:16 pm on the same day?

- 11 hours and 11 minutes
 11 hours and 49 minutes
 12 hours and 11 minutes
 12 hours and 49 minutes

- 19 Which one of these is a right-angled isosceles triangle?



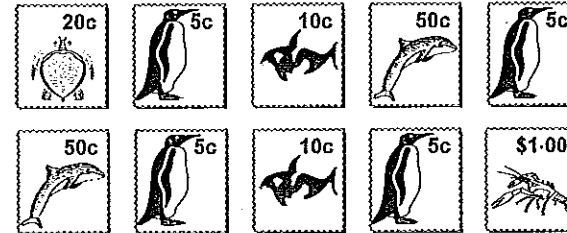
Not to scale

-

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YEAR 7 NUMERACY

- 20 Miki turned these stamps over and mixed them up.



Shade one bubble.



He selects one at random.

What is the chance of Miki selecting a 5c stamp?

- 1 out of 4
 1 out of 5
 2 out of 5
 4 out of 6

- 21 A stack of cardboard sheets is 11.4 centimetres thick. Each sheet of cardboard is 0.03 centimetres thick.

Write the answer in the box.

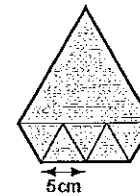


How many sheets of cardboard are in the stack?

sheets

- 22 This shape is made from five small equilateral triangles and one large equilateral triangle.

Shade one bubble.



Each side of all the small triangles is 5 cm long.

What is the perimeter of the shape?

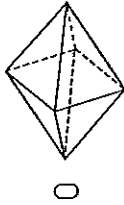
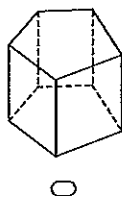
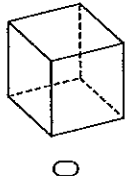
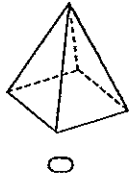
- 15 cm
 45 cm
 50 cm
 85 cm

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YEAR 7 NUMERACY

- 23 Which object has exactly twice as many edges as faces?

Shade one bubble.



- 24 Hugo's electricity bill was \$180 last month. This month it is \$135.

What percentage decrease is this?

25%



33%



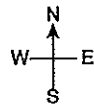
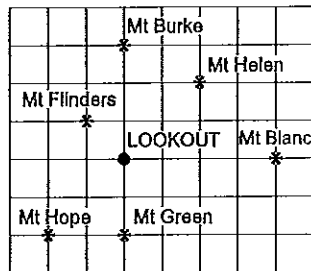
45%



55%



- 25 This is a map of mountains in a national park.



KEY	
* Mountain (Mt)	
● LOOKOUT	

Anna is at the Lookout facing South. She turns 225° in a clockwise direction.

Which mountain is Anna now facing?

Mt Helen



Mt Blanc



Mt Flinders



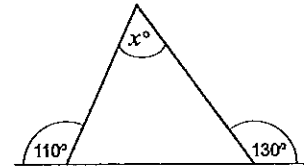
Mt Hope



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YEAR 7 NUMERACY

26



Not to scale

Shade one bubble.



What is the value of x in this diagram?

50



55



60



70



- 27 Niki uses 15 litres of water every minute when she has a shower. She uses 100 litres of water when she has a bath.

Write your answer in the box.



How many litres of water does she save by having a $3\frac{1}{2}$ minute shower instead of a bath?

litres

- 28 There are 420 girls and boys at a concert. The ratio of girls to boys at the concert is 3 to 7.

Shade one bubble.



How many girls are at the concert?

126



140



180



294



- 29 Sally has 60 DVDs. This table shows the percentage of each type of DVD.

Type of DVD	Percentage
Drama	45%
Sport	25%
Comedy	20%
Cartoons	10%

How many Comedy DVDs does Sally have?

3



12



15




20

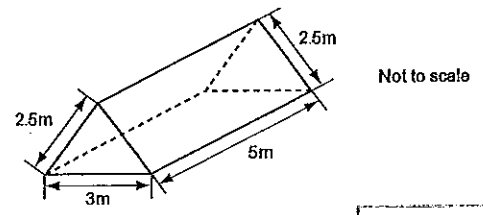


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YEAR 7 NUMERACY


30 This solid triangular prism needs all its faces painted.
The area of each triangular face is 3 m^2 .

Write your answer in the box. 



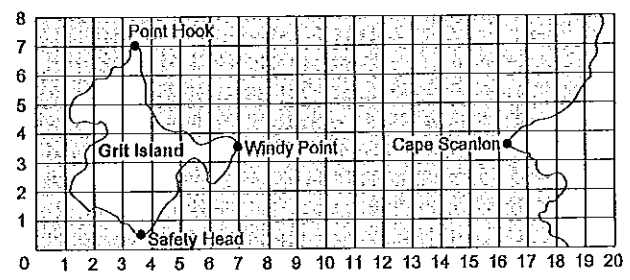
What is the total area to be painted? m^2

31 1 kilometre and 40 metres is the same as

Shade one bubble. 

- 140km
- 1.04km
- 1004m
- 1.40m

32 Here is a map of Grit Island.
The shortest distance from Point Hook to Safety Head is 1300m.




The shortest distance from Windy Point to Cape Scanlon is closest to

- 950m
- 1700m
- 1900m
- 2250m

END OF TEST

YEAR 7 NUMERACY PRACTICE QUESTIONS


P1 How many dolphins are shown on this card?

Shade one bubble. 



- 3
- 4
- 5
- 6

P2 $6 + 4 =$

Write your answer in the box. 

P3 What is the total cost of these two stamps?

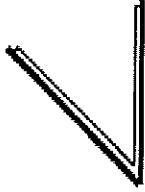


\$

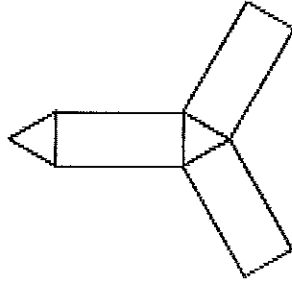
NAPLAN Numeracy (with calculator) Year 7 2008

Quick Answers

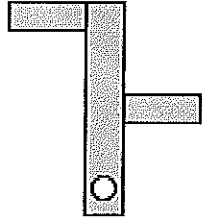
1. 40
2. 4076
- 3.



4. 52 minutes
5. $2\frac{1}{2}$
- 6.



7. B1
8. 180 m
9. 3
10. B and D
11. 20 litres
- 12.

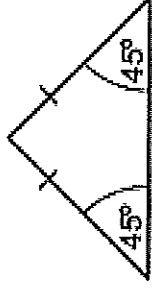


13. 180 cm
14. 150 cm
15. one-half.
16. 128 m²

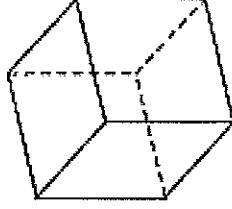
17. 250 g

18. 11 hours and 49 minutes

19.



20. 2 out of 5
21. 380
22. 50 cm
- 23.



24. 25%
25. Mt Helen
26. 60
27. 47.5 litres
28. 126
29. 12
30. 46 m²
31. 1.04 km
32. 1900 m