

YEAR 7 Calculator allowed NUMERACY – SET 9

Name Date

- 1** Emma works part time.
She earns \$12.50 per hour.
Last week she earned \$106.25
How many hours did she work?

hours

minutes

- 2** Kyle won 17 games out of a possible 20.
What percentage of the games did he lose?

3%

15%

17%

20%

- 3** An old lighthouse has flashed a warning light every 4 seconds for years.
How many times would the light flash in 1 hour?

40

150

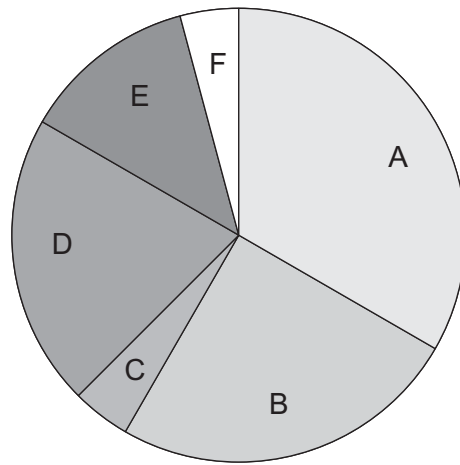
240

900

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4 This graph shows 24 hours in David's day.

How David spends 24 hours	
Activity	hours
Eating, exercise, washing and chores	3
Homework	1
School	6
Sleeping	8
Travelling	1
TV/Games	5



Which one of these sections represents the time he spends at school?

A

B

D

E

5

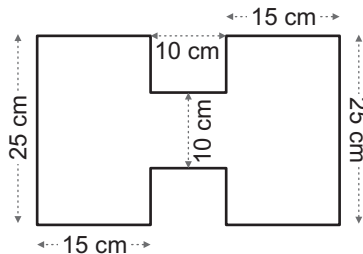
Exchange rate

\$1 Australian = \$0.98 US

How much would \$50 Australian be worth in US dollars?

US dollars

6



What is the total area of this shape?

cm²

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- 7** A group of 12 friends equally shared the cost of a present.

The present cost \$294.

How much did each person pay?

- 8** The Burj Khalifa building in Dubai is the world's tallest building.

It is 828 metres tall.

A scale model was made where 1 cm represents 20 metres.

How many centimetres high would the scale model measure?

165600

165.6

41400

41.4