

YEAR 7 Measurement Non-calculator Test 1

Numeracy Short Test

Time Allowed: 20min
Time Remaining: 19min 55s

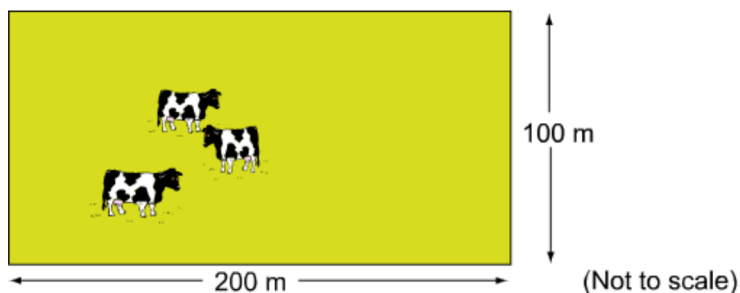
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A rectangular paddock is 200 m long and 100 m wide.



What is the area of the paddock in hectares?

☐ 0.2 ha

☐ 2 ha

☐ 20 ha

☐ 200 ha

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Time Remaining: 19min 46s

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A butcher has 7.2 kilograms of mince on a tray. She adds 550 grams of mince to the tray and then sells 1.5 kilograms.

What amount of mince remains on the tray?

☐ 6.25 kg

☐ 8.15 kg

☐ 5.755 kg

☐ 8.645 kg

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Time Remaining: 00s
19min 40s

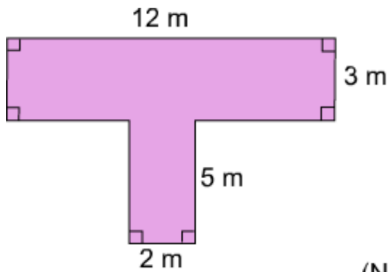
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(Not to scale)

What is the perimeter (in metres) of this figure?

Please type your answer here...

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19min 33s

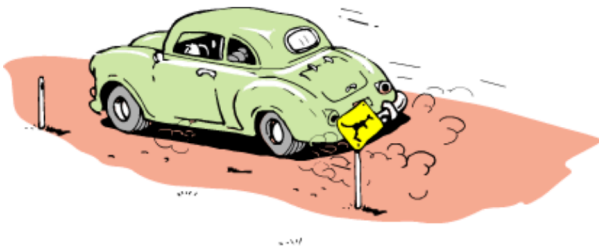
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A car used 12 litres of petrol per 100 kilometres on a journey of 350 kilometres.

How many litres of petrol did the car use on the journey?

Please type your answer here...

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Time Allowed:
Time Remaining:

20min
00s
19min
26s

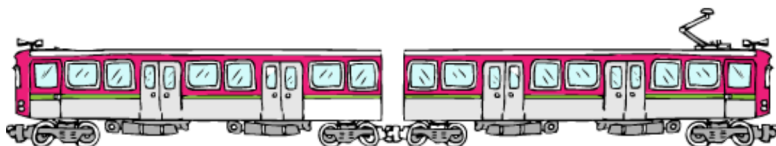
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Minh arrived at the station at a quarter to seven. The next train was due to leave at 7:34.

How many minutes did Minh have to wait?

☐ 11

☐ 19

☐ 49

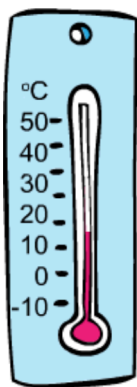
☐ 89

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Bathurst had a minimum temperature of -6°C one morning and a maximum of 13°C that afternoon.

How much did the temperature rise that day?

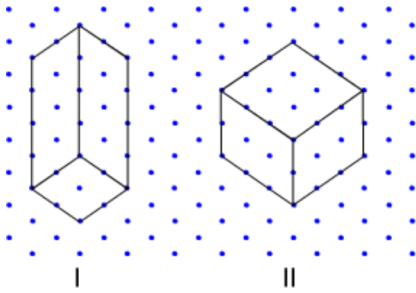
☐ 7°

☐ 17°

☐ 19°

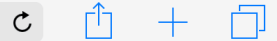
☐ 20°

These two rectangular prisms have been drawn on isometric paper.



Which statement is true?

- ☐ The volume of prism I is greater than the volume of prism II.
- ☐ The volume of prism I is equal to the volume of prism II.
- ☐ The volume of prism I is less than the volume of prism II.
- ☐ There is not enough information to compare the volume of the prisms.



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Time Allowed: 20min
Time Remaining: 00s
18min 55s

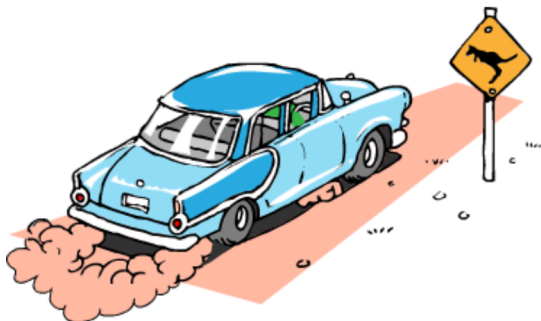
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Rachel travelled 75 kilometres at an average speed of 60 kilometres per hour.

How long did the journey take?

- ☐ 40 min
- ☐ 48 min
- ☐ 1 h 15 min
- ☐ 1 h 25 min

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Time Allowed: 20min
 Time Remaining: 00s
 18min 49s

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This sign appears on the side of a road to show the distance to the next major towns.



Felicity knows that Melville is exactly halfway between Westhills and Greenhope.

How far is it (in kilometres) to Melville?

Please type your answer here...

Submit

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Numeracy Short Test

Time Allowed: 20min
 Time Remaining: 00s
 18min 43s

Finish Test

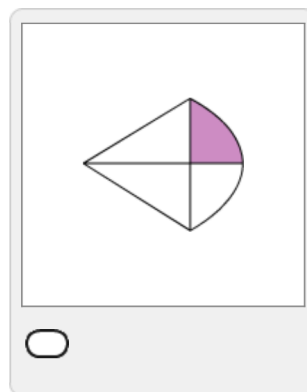
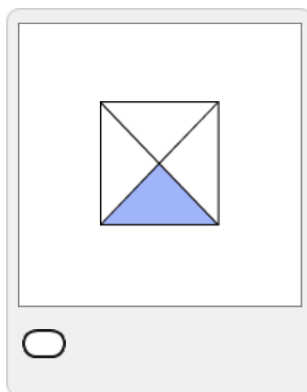
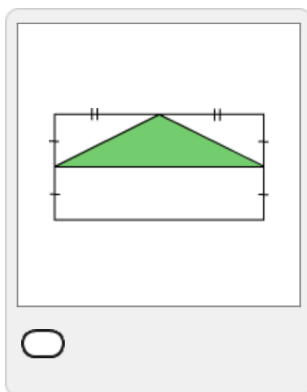
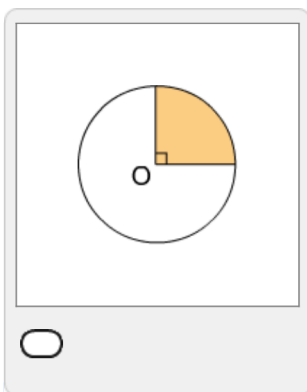
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In which diagram is the shaded area not one-quarter of the total area?



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A tank holds 2 kilolitres of water.

How many times could a 10-L bucket be filled from a full tank?

☐ 20

☐ 200

☐ 500

☐ 2000

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YEAR 7 Measurement Non-calculator Test 1 Numeracy Short Test

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Time Remaining: 00s
18min
25s

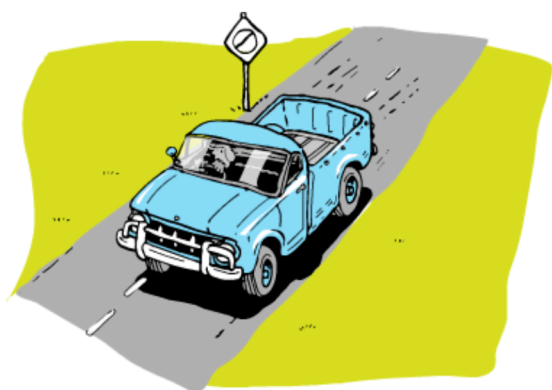
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A truck travelled 105 kilometres in 90 minutes.

What was the truck's average speed?

☐ 70 km/h

☐ 75 km/h

☐ 78 km/h

☐ 81 km/h

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Numeracy Short Test

Time Allowed: 20min
Time Remaining: 00s
18min
15s

Finish Test

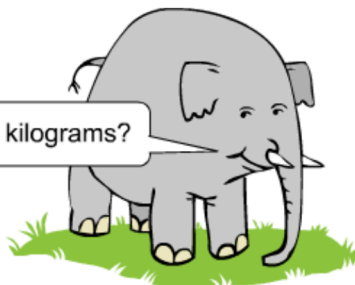
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Which is the same as 3 tonnes and 60 kilograms?



☐ 3.6 t

☐ 3.06 t

☐ 3.006 t

☐ 300 060 kg

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18min
09s

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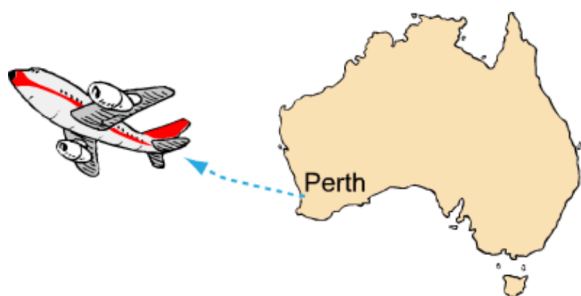
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Sergio is booked on an overseas trip, flying out of Perth on 6 July. He must pay for his ticket at least 21 days before departure.



What is the last day on which Sergio can pay?

☐ 13 June

☐ 14 June

☐ 15 June

☐ 16 June

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Numeracy Short Test

Time Allowed: 20min
Time Remaining: 18min 03s

Finish Test

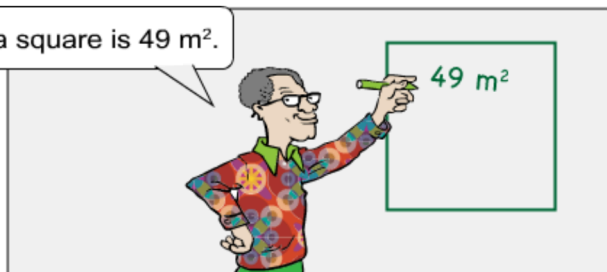
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The area of a square is 49 m^2 .



What is the perimeter of the square (in metres)?

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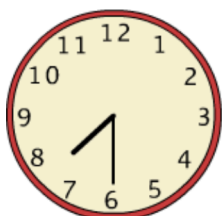
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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This clock appears on the office wall.



If the long minute hand turns through another 240° , what will the time be?

☐ 8:10

☐ 7:50

☐ 7:15

☐ 8:20

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