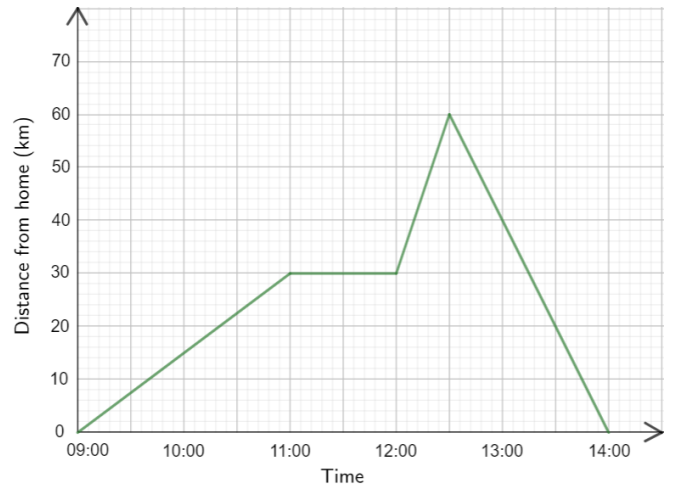
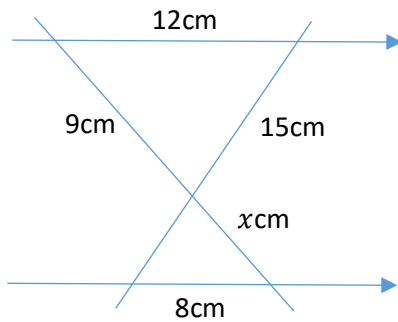


**Interleaf 12**

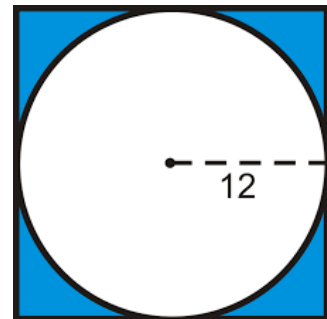
- 1) I travel at 4km/hr for 20 minutes. How far did I travel?
- 2) 2 similar cans of malt extract have volumes of 2l and 250ml. If the smaller is 7cm tall, how tall is the larger one?
- 3) Using the graph to the right, find:
  - a) The speed during the first part of the journey
  - b) the speed between 12:00 and 12:30
  - c) the average speed of the whole journey
- 4) Find the size of a road that is 4cm long on a 1:30000 scale map.
- 5) Find the sum of the interior angles in a 14 sided shape.
- 6) Expand and simplify  $3(x - 2) - 4(2x - 5)$



- 7) Find  $x$



- 8) Find the LCM of 650 and 225
- 9) Find the shaded area to the right (length is in cm) Give your answer to 1dp



**Answers**

- 1)  $1\frac{1}{3} km$  2) 14cm 3a) 15km/h b) 60km/hr c) 24km/h 4) 1.2km 5) 2160 6)  $14 - 5x$  7) 6 8) 5850 9) 123.6