

# ►► Mass, Volume and Capacity

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Class 3B Date 11/8/10

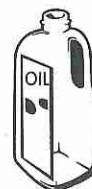
## Progression Points

- 2.25** Use of formal units of measurement.  
Application of estimations using personal units and then comparison with formal units.  
Use of a ruler and tape measure (linear scale) and trundle wheel (circular scale) to validate estimates of length.
- 2.5** Estimates of measurement of mass, volume and capacity of common objects; for example, kilogram of flour, litre of soft drink.
- 2.75** Reading of analogue clocks to the nearest quarter of an hour.  
Construction and interpretation of a daily timetable.
- 3.0** Interpret timetables and calendars.  
Read analogue and digital clocks to 5 minute intervals.  
Calculate area through multiplication.  
Estimate angles in terms of quarter turns and half turns.
- 3.0+** Solve measurement problems.  
Convert between metric units.

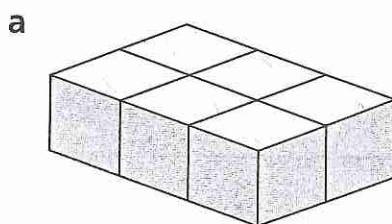
2.5

- 5 Choose a container from the group to match the given capacities in the table.

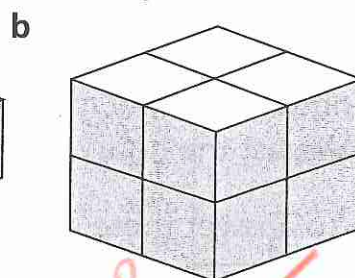
a	1 litre	Milk carton ✓
b	2 litres	Soft drink ✓
c	4 litres	oil ✓
d	10 litres	bucket ✓
e	60 litres	garbage bin ✓



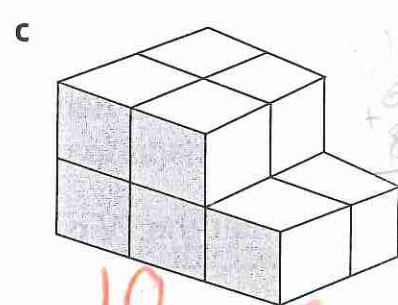
- 6 Calculate the volume of these shapes.



6 ✓  
22 cubes



8 ✓  
48 cubes



10 ✓  
24 cubes