

- 1) Three children record their answer to this problem.



The milk bottle holds 1900ml. I poured the same amount of milk into three cups and had 1675ml left in the bottle. How much milk is in each cup?



Jessica:  
**7.5l**

Jacob:  
**0.075l**

George:  
**0.75l**

Which child has given the correct answer?  
Explain how you know.

- 2) Which bar model best represents this problem? Solve the problem and explain your answer.

Five equally sized jars of jam and a 250g jar of pickles have a mass of 0.9kg altogether. Give the mass of one jar of jam.

- a)
- |     |     |     |     |     |
|-----|-----|-----|-----|-----|
| Jam | Jam | Jam | Jam | Jam |
|-----|-----|-----|-----|-----|
- 250g
- b)
- |                |     |
|----------------|-----|
| Pickles = 250g | Jam |
|----------------|-----|
- 0.9kg
- c)
- |     |     |     |     |     |                |
|-----|-----|-----|-----|-----|----------------|
| Jam | Jam | Jam | Jam | Jam | Pickles = 250g |
|-----|-----|-----|-----|-----|----------------|
- 0.9kg

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- 3) Some children are measuring the lengths of different items in their classroom:

Bookshelf = 0.8m  
Exercise book = 30.5cm  
Pencil = 140mm  
Reading book = 12.5cm  
Chair =  $1\frac{1}{4}$ m



What do the items measure altogether in metres?