1. Here is the list of ingredients for making chickpea soup for 4 people.

Chickpea soup

Ingredients for 4 people

220	g	dried chickpeas
1		small red chilli
6		cloves of garlic
1	tbsp	coriander seeds
1	tbsp	cumin
1	tsp	tumeric
40	g	butter
200	*ml*	creme fraiche

Nzingha is going to make chickpea soup for 16 people.

Work out how many grams of chickpeas she should use.

You may use this proportional line.

0

number of people

grams of dried chickpeas
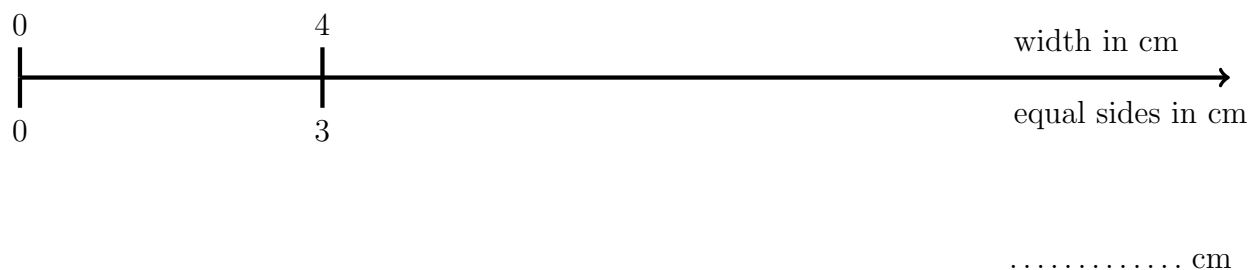
0

. . . . grams

2. Here are two similar isosceles triangles. {F.Y.I. the length of their sides are proportional, so they look the same as each other but as if they were further away or closer.}

Diagrams NOT
accurately drawn

3 cm 3 cm

4 cm

20 cm
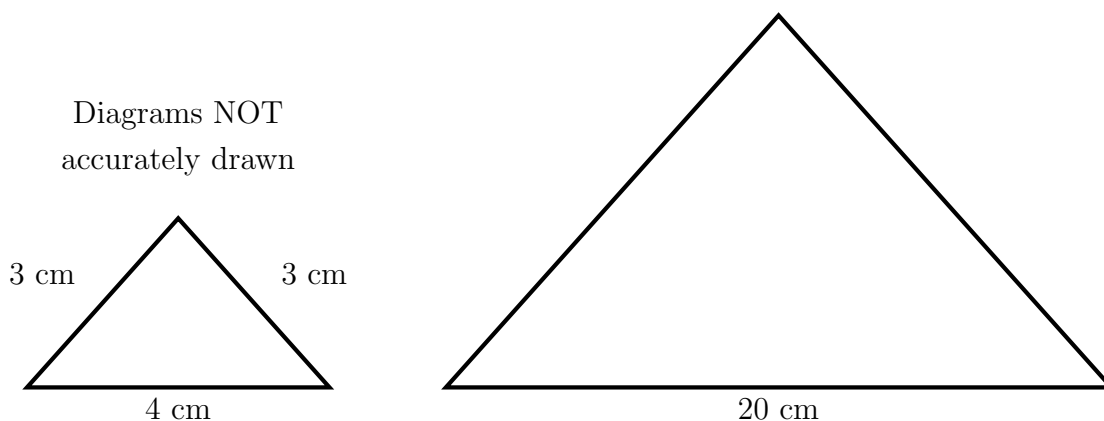
Work out the lengths of the equal sides of the larger triangle.

You may use this proportional line.

0   4
| | width in cm
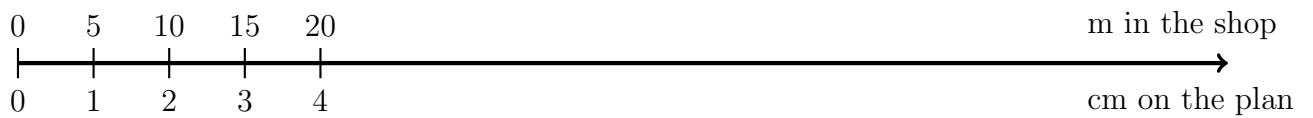| | equal sides in cm
0   3

. . . . cm

3. Complete:

$$\frac{7}{5} = \frac{}{100} = \quad .... \,\%$$

4. Here is a scale diagram of the Patio de los Leones in the Alhambra.

Width = 4 cm
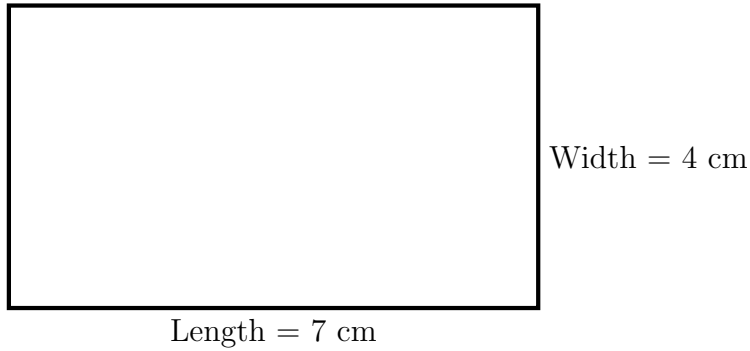
Length = 7 cm

In this diagram, 1 cm represents 5 metres.

Complete this table.

	scale diagram	real life measurement
Length	7 cm	
Width	4 cm	20 m

Answers

1. 880

2. 15

3. 140

4. 35m