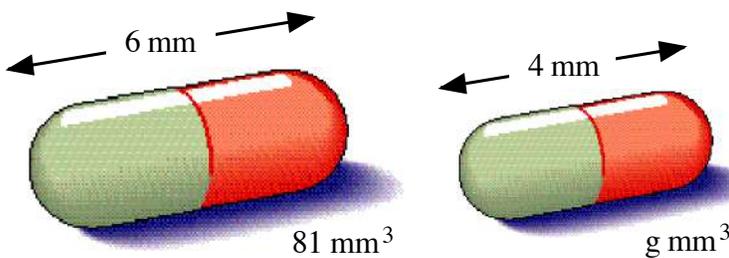
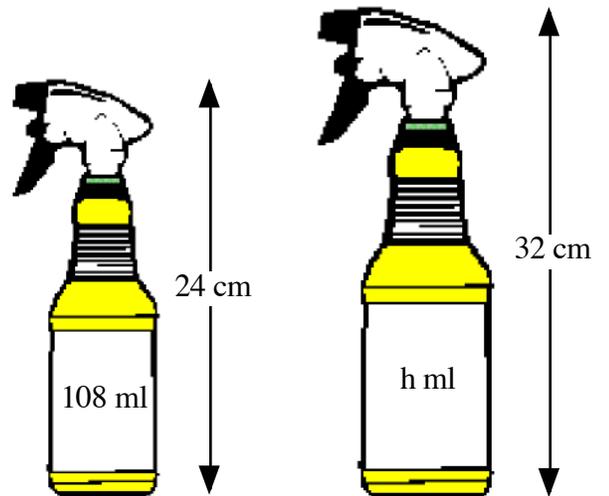
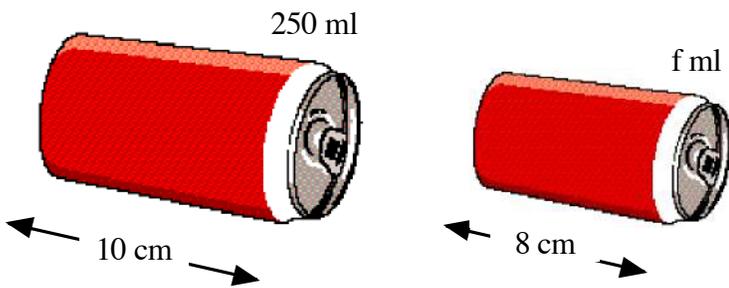
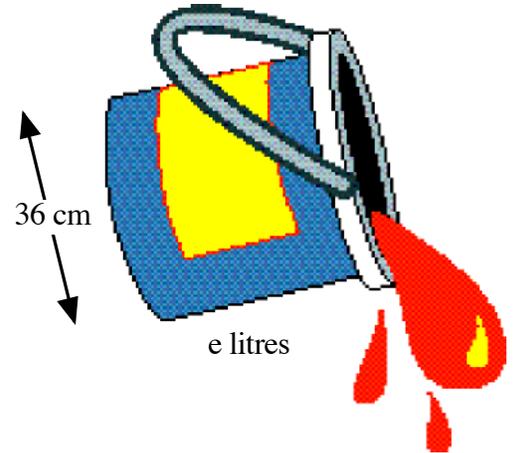
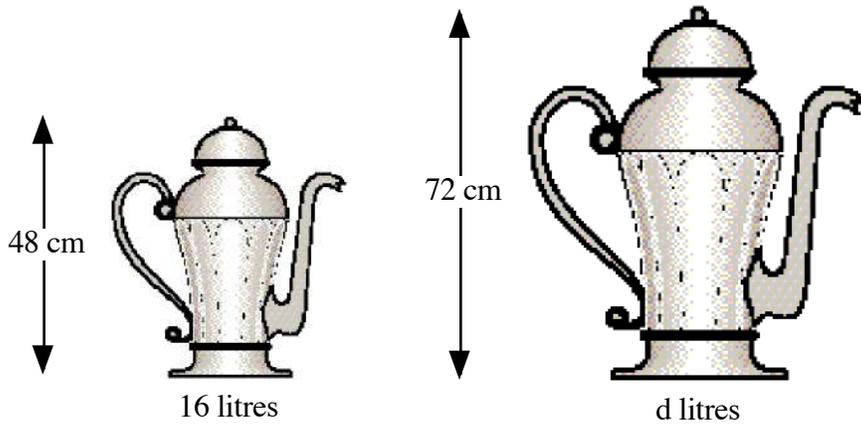
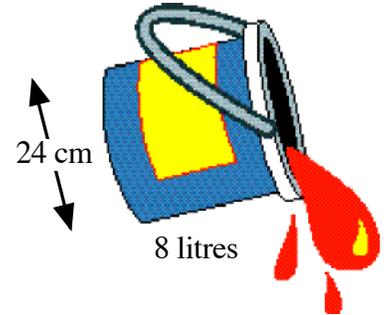
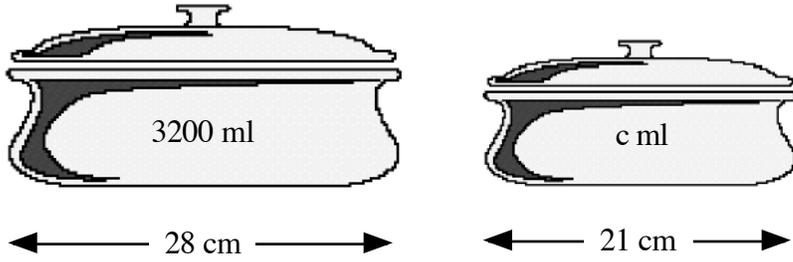
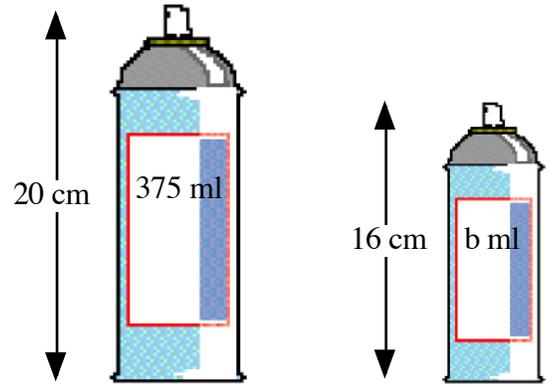
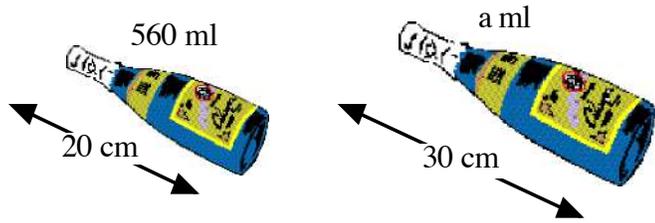
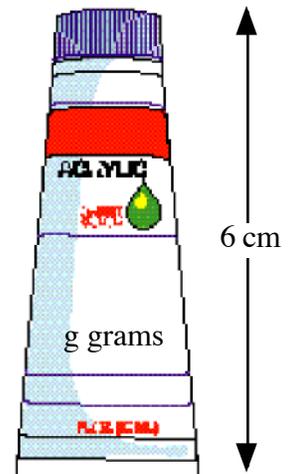
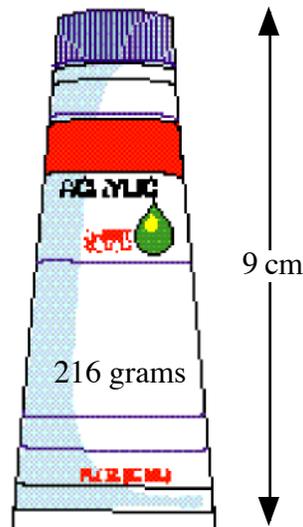
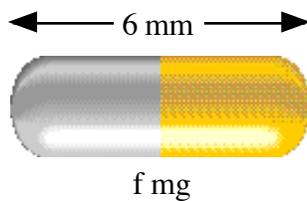
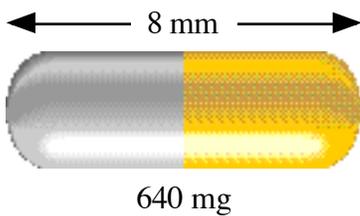
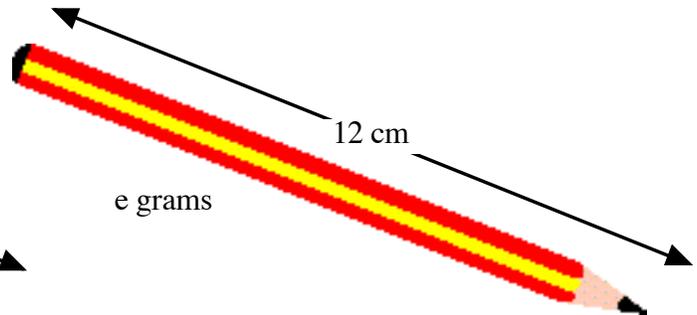
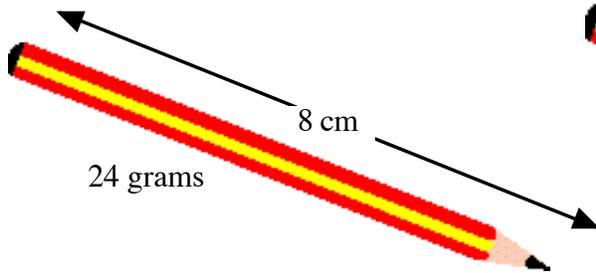
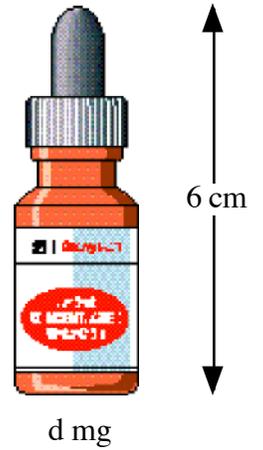
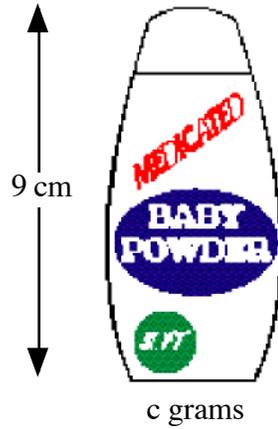
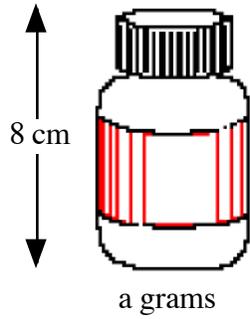
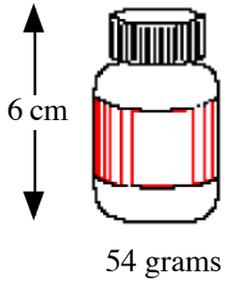


Similar Shapes: Volume

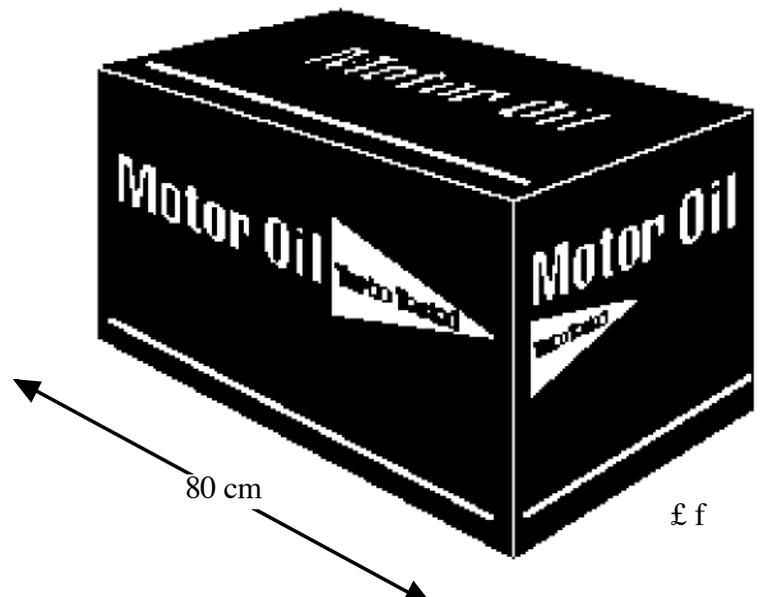
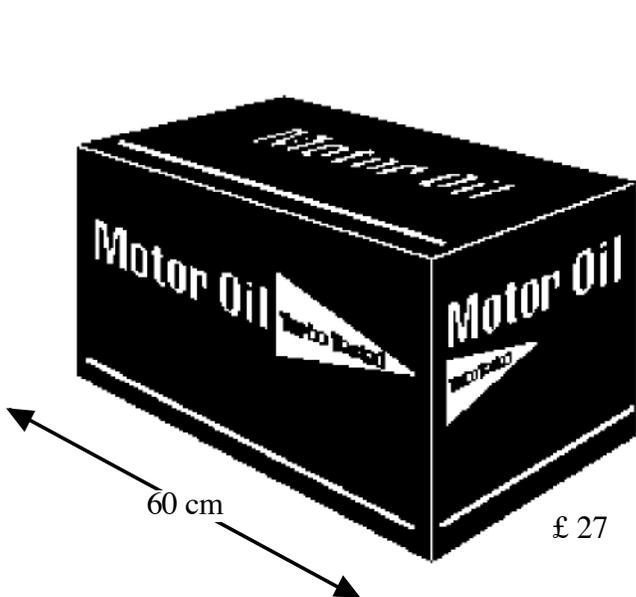
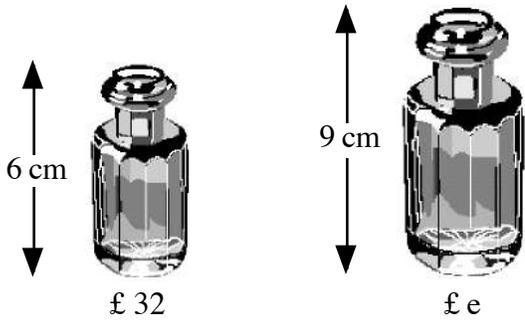
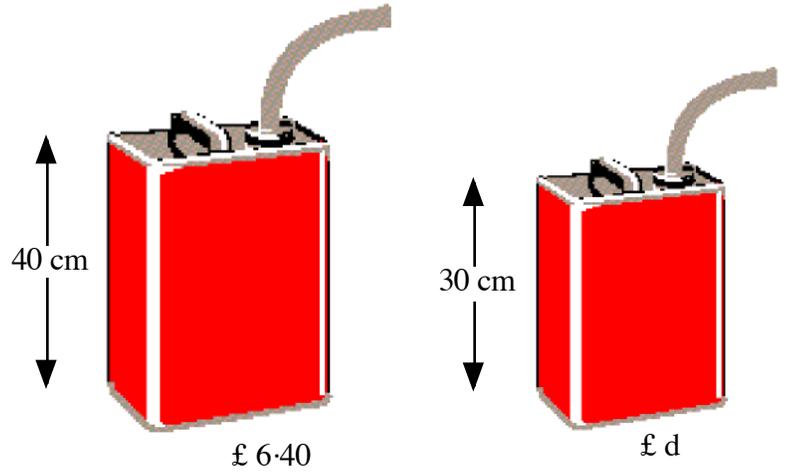
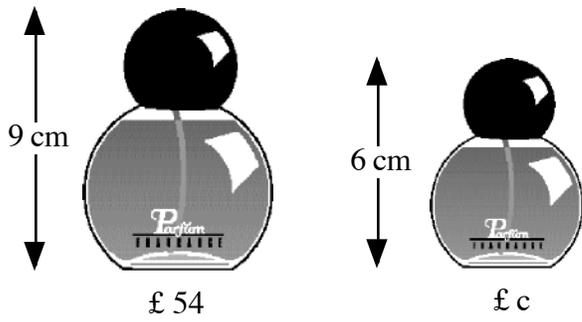
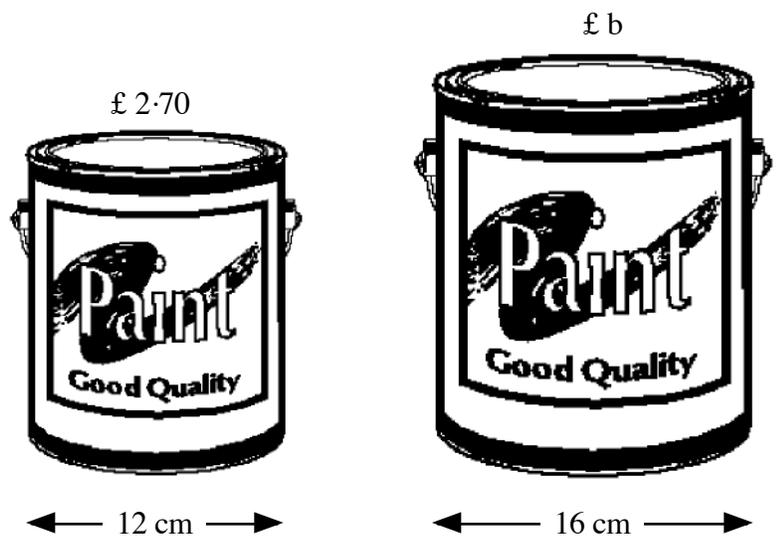
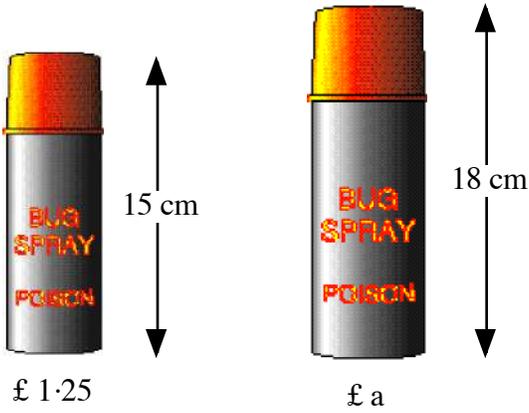
1. In each of the following the pairs of items are similar.
Find the unknown volumes.



2. In each of the following pairs of items are similar. The mass of the item depends on its volume. Find the unknown masses.



3. In each of the following pairs of items are similar.
The cost of the item depends on the volume.
Find the unknown costs.



Answers:

1. $a = 1890$ $b = 192$ $c = 1350$ $d = 54$ $e = 27$ $f = 128$ $g = 24$ $h = 256$

2. $a = 128$ $b = 40$ $c = 108$ $d = 8640$ $e = 81$ $f = 270$ $g = 64$

3. $a = 2 \cdot 16$ $b = 6 \cdot 40$ $c = 16$ $d = 2 \cdot 70$ $e = 108$ $f = 64$