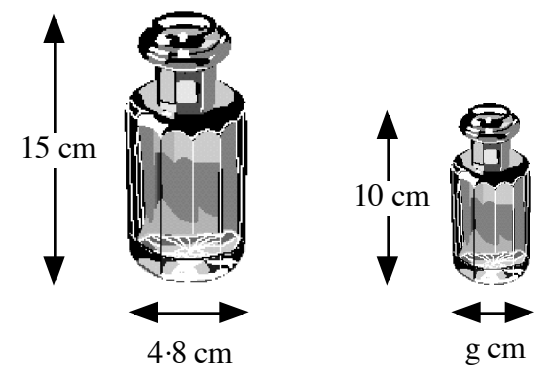
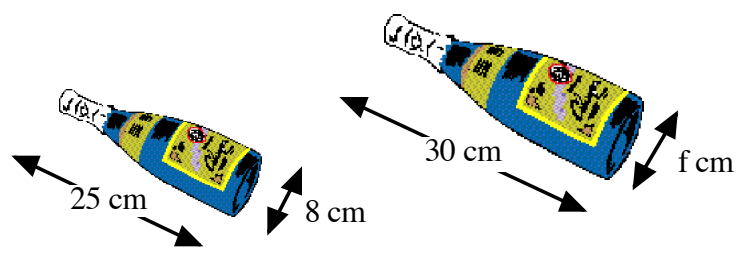
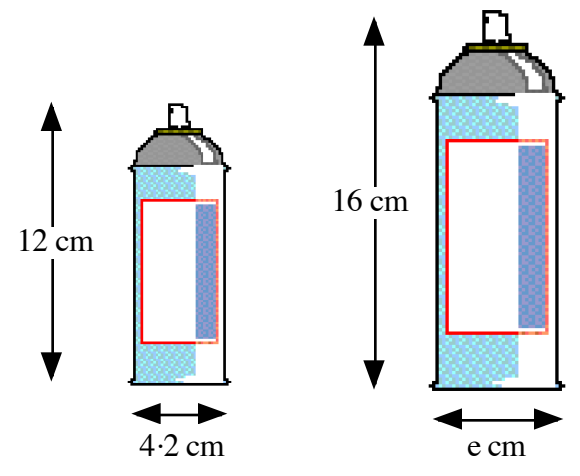
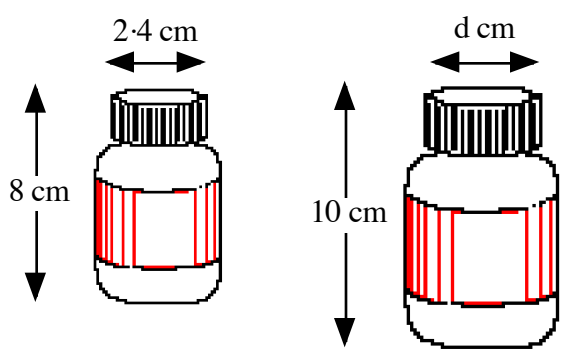
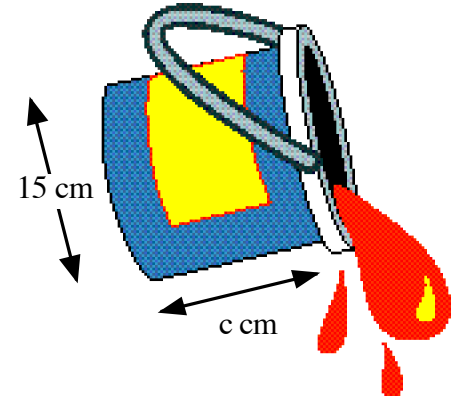
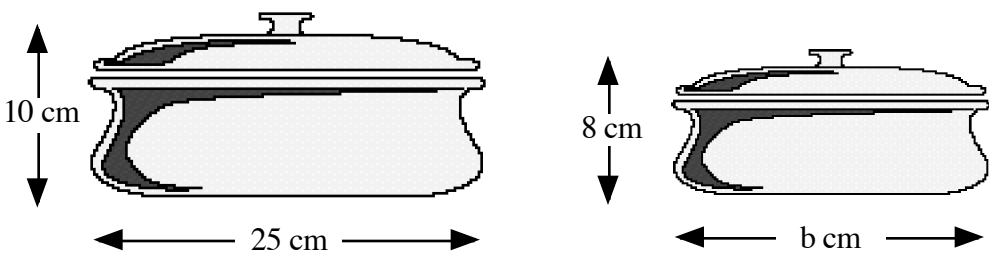
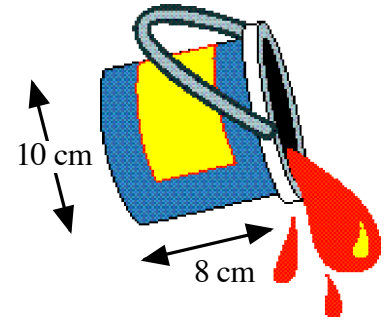
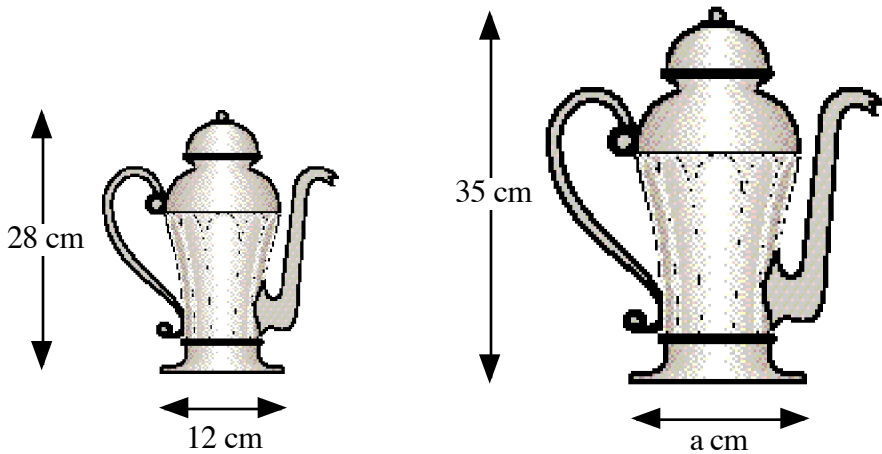
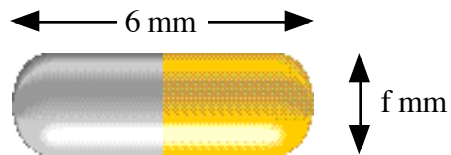
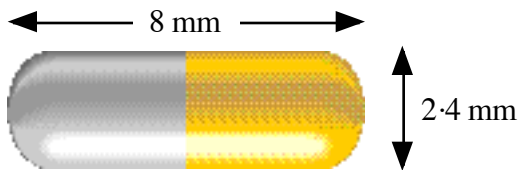
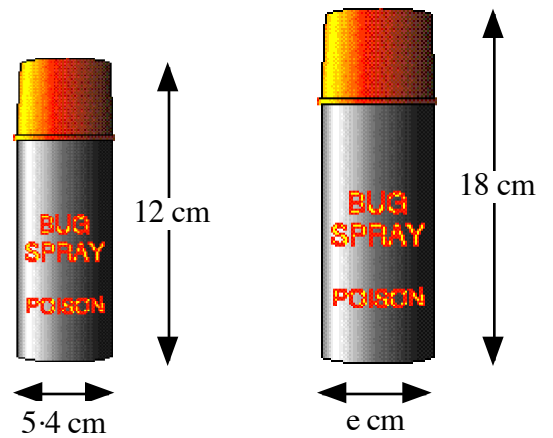
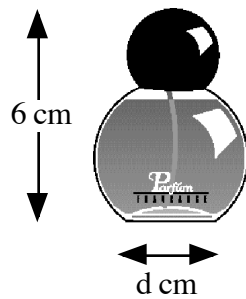
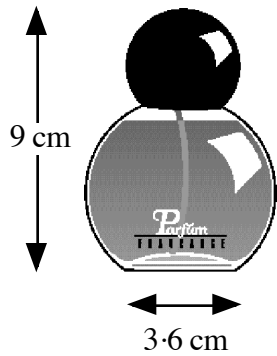
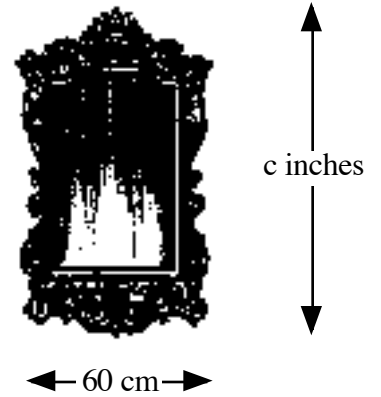
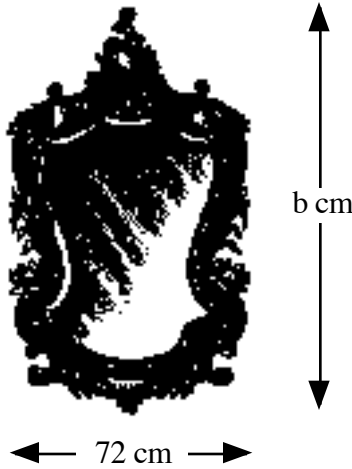
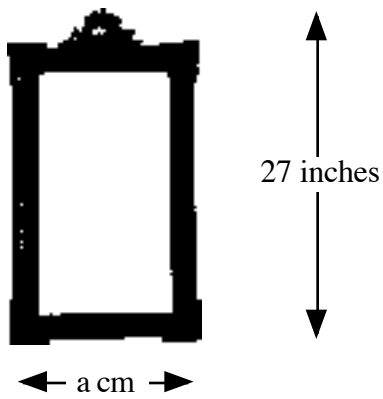
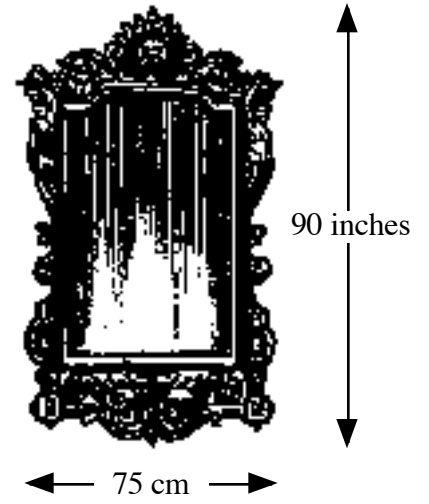
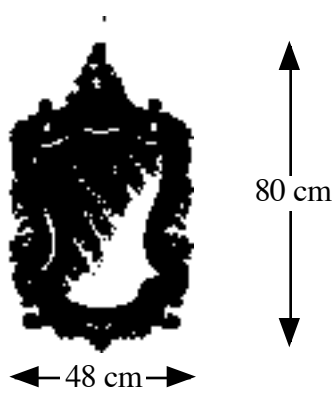
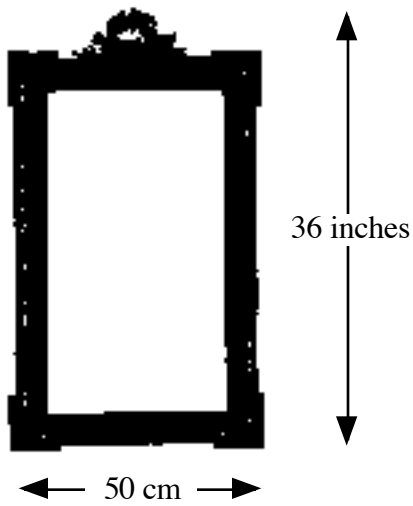


Similar Shapes: Length

1. In each of the following the pairs of shapes are similar. Find the length of the unknown side.



2. In the following the pairs of shapes are similar. Find the length of the unknown side. The mixed units are intentional.



Answers

1. $a = 15$ $b = 20$ $c = 12$ $d = 3$ $e = 5.6$ $f = 9.6$ $g = 3.2$

2. $a = 37.5$ $b = 120$ $c = 72$ $d = 2.4$ $e = 8.1$ $f = 1.8$