

## S1 (M) Maths Homework 12

1) Change these percentages to decimals and fractions.  
Simplify where possible.

- a) 89%                      b) 23%  
c) 14%                      d) 46%



2) Change these fractions to percentages and decimals.

- a)  $\frac{3}{50}$                       b)  $\frac{18}{25}$   
c)  $\frac{9}{10}$                       d)  $\frac{14}{20}$



3) Evaluate.

- a) 25% of £380              b) 50% of 1704 ml  
c) 75% of \$348              d)  $33\frac{1}{3}$  % of 288 kg  
e) 90% of 345 litres      f) 3% of 700 g



4) A bag of Maltesers usually contains 230 grams.  
As a special offer, there is 35% extra free.  
What does the bag of Maltesers weigh now?

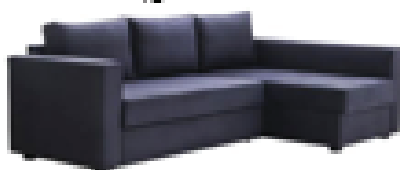


5) A top has been reduced by 18% in a sale.  
It used to cost £45.  
What does it cost now?



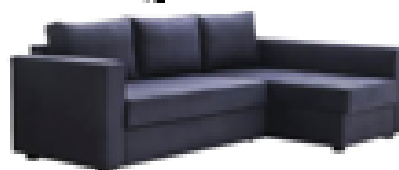
6) Decide which of these is the better buy and calculate the cost.

SOFAS R US  
£1200



25% off!!!

FSD  
£1200



$\frac{1}{5}$  off!!!

