3 Answer these.

a $\frac{1}{4}$ of 16 = [ ]

     $\frac{3}{4}$ of 16 = [ ]

b $\frac{1}{3}$ of 21 = [ ]

     $\frac{2}{3}$ of 21 = [ ]

c $\frac{1}{6}$ of 18 = [ ]

     $\frac{5}{6}$ of 18 = [ ]

d $\frac{1}{5}$ of 60 = [ ]

     $\frac{4}{5}$ of 60 = [ ]

e $\frac{1}{7}$ of 21 = [ ]

     $\frac{4}{7}$ of 21 = [ ]

f $\frac{1}{8}$ of 40 = [ ]

     $\frac{3}{8}$ of 40 = [ ]

g $\frac{1}{10}$ of 200 = [ ]

     $\frac{7}{10}$ of 200 = [ ]

h $\frac{1}{10}$ of 14 = [ ]

     $\frac{2}{10}$ of 14 = [ ]

4 What are the mystery numbers?

a   I am thinking of a number. 45 is 9 times larger than my number. What is my number?

[ ]

b   I am thinking of a number. When I divide it by 7 my answer is 6. What is my number?

[ ]

c   I am thinking of a number. If I add 4 and then multiply it by 5 my answer is 60. What is my number?

[ ]

d   I am thinking of a number. If I divide it by 9 and then subtract 2 the answer is 6. What is my number?

[ ]

e   I am thinking of two numbers. One of my numbers is $\frac{2}{5}$ of the other. One of my numbers is 20. What are the possible values of the other number?

[or   ]

f   I am thinking of a number. One of my numbers is 24. One of my numbers is $\frac{3}{4}$ of the other number. What are the possible values of the other number?

[or   ]