

# Solving equations 3

1 Complete and solve the equation for each mystery number problem.

a) I am thinking of a number.  
I multiply it by 3 and then  
add 2. Now I have 17.

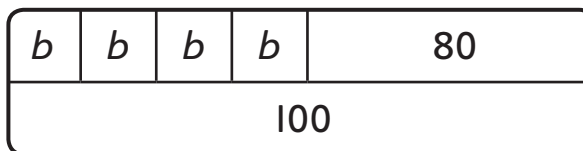
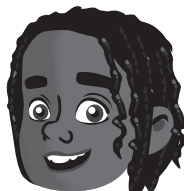
Isla



$$\begin{array}{rcl}
 3a + \boxed{\phantom{00}} & = & \boxed{\phantom{00}} \\
 - \boxed{\phantom{00}} & & - \boxed{\phantom{00}} \\
 \hline
 3a & = & \boxed{\phantom{00}} \\
 \div \boxed{\phantom{00}} & & \div \boxed{\phantom{00}} \\
 \hline
 a & = & \boxed{\phantom{00}}
 \end{array}$$

b) I am thinking of a number.  
I multiply it by 4 and then  
add 80. Now I have 100.

Ebo



$$\begin{array}{l}
 \boxed{\phantom{00}} b + \boxed{\phantom{00}} = \boxed{\phantom{00}} \\
 b = \boxed{\phantom{00}}
 \end{array}$$

2 Solve  $50 = 15 + 5c$ .

