Solve two steps equations

Name:	Class:	Date:

Mark	/ 10	%

1) Solve the equation [6]

a) $\dfrac{3x}{7} = 18$ $x =$

b) $4x + 5 = 13$ $x =$

c) $8x - 5 = 35$ $x =$

d) $\dfrac{7}{x} = 10$ $x =$

e) $\dfrac{1}{x} = 10$ $x =$

f) $\dfrac{24}{x} = 3$ $x =$

2) Solve the following equation, leaving your answer as a fraction [2]

a) $11x + 9 = 1$ $x =$

b) $9x - 10 = 10$ $x =$

3) Solve the following algebraic fraction [2]

a) $\dfrac{x}{3} + 9 = 12$ $x =$

b) $\dfrac{x}{7} - 1 = 8$ $x =$

Solutions for the assessment Solve two steps equations

1) a) 42   b) 2

   c) 5   d) $\frac{7}{10}$

   e) $\frac{1}{10}$ f) 8

2) a) $-\frac{8}{11}$ b) $2\frac{2}{9}$

3) a) 9   b) 63