1) Solve the equation

a) \( \frac{3x}{7} = 18 \) \( x = \) 

b) \( 4x + 5 = 13 \) \( x = \) 

c) \( 8x - 5 = 35 \) \( x = \) 

d) \( \frac{7}{x} = 10 \) \( x = \) 

e) \( \frac{1}{x} = 10 \) \( x = \) 

f) \( \frac{24}{x} = 3 \) \( x = \) 

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

a) \( 11x + 9 = 1 \) \( x = \) 

b) \( 9x - 10 = 10 \) \( x = \) 

3) Solve the following algebraic fraction

a) \( \frac{x}{3} + 9 = 12 \) \( x = \) 

b) \( \frac{x}{7} - 1 = 8 \) \( x = \)
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) $\frac{22}{9}$

3) a) 9  
   b) 63