Test 1 | Équations du 1er degré

Le Châtelard

solution simple	solution indéterminée	solution impossible
$2x = 6$	$2x = 2x$	$2x + 5 = 2x + 9$
↓	↓	↓
$x = 3$	$S = \mathbb{R}$	$S = \emptyset$

Solve the following equations :

	equation	solution
a)	$17x = 119$	
b)	$17 - 7.2x = 17$	
c)	$200 = 360 - 4x$	
d)	$2x + 7x = 12x - 7$	
e)	$x = x + 17$	
f)	$x + (x + 1) + (x - 2) = x - 1$	
g)	$8x + 9 - 3x = 7 + 5x - 2$	
h)	$\dfrac{x - 3}{5} = \dfrac{x + 3}{3}$	
i)	$\dfrac{3}{4}x - \dfrac{1}{5} = \dfrac{2}{5}x - \dfrac{3}{4}$	
j)	$\dfrac{1}{3} - \dfrac{x + 1}{4} = 2x - \dfrac{3x + 1}{2}$	