Resuleve las siguientes ecuaciones de primer grado

$9x - 6 = 18$

$9x = 18 + 6$

$9x = 24$

$x = 24/9 = 8/3$

$x = 8/3$

$3\overline{)24}$

12

0

Comprobando la respuesta:

Si: $x = 8/3$

$\Rightarrow 9\left(\frac{8}{3}\right) - 6 = 18$

$\frac{72}{3} - 6 = 18$

$24 - 6 = 18$

$18 = 18$ ✓

$1 - 4w = 9$

$-4w = 9 - 1$

$-4w = 8$

$w = 8/-4$

$w = -2$

verificando

Si $w = -2$

$1 - 4(-2) = 9$

$1 + 8 = 9$

$9 = 9$ ✓

$2 - 7z = 13$

$-7z = 13 - 2$

$-7z = 11$

$z = 11/-7$

$z = -11/7$

Verificando la respuesta:

Si: $z = -11/7$

$\Rightarrow 2 - \frac{7}{1}\left(\frac{-11}{7}\right) = 13$

$2 + \frac{77}{7} = 13$

$2 + 11 = 13$

$13 = 13$ ✓

$8x - 6 = 6x + 4$

$8x - 6 - 6x = 4$

$2x - 6 = 4$

$2x = 4 + 6$

$2x = 10$

$x = \frac{10}{2} = 5$

$9 - 8x = 27 - 2x$

$9 - 8x + 2x = 27$

$9 - 6x = 27$

$-6x = 27 - 9$

$-6x = 18$

$x = 18/-6$

$x = -3$