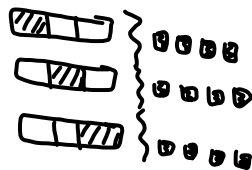
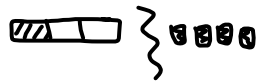


Solving Equations of the Form: $\frac{x}{a} + b = c$

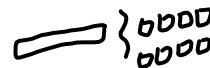
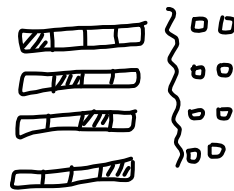
Solve using ALGEBRA TILES

ex(1): $\frac{x}{3} = -4$



$x = -12$

ex(2): $\frac{y}{4} = 2$



$y = 8$

Solve using ALGEBRA

ex(3): $\frac{x}{3} = 2 \quad x^{-3}$

$x = -6$

ex(4): $-8 = \frac{y}{5} \quad y^5$

$-40 = y$

$y = -40$

ex(5): $\frac{n}{3} - 2 = -7$
 $\frac{n}{3} = -5 \quad n^3$

$n = -15$

ex(6): $8 + \frac{x}{-3} = -1$
 $\frac{x}{-3} = -9 \quad x^{-3}$

$x = 27$

ex(7): $2 - \frac{x}{3} = 1$
 $-\frac{x}{3} = -1 \quad x^3$

$-x = -3$

$x = 3$

check:

$2 - \frac{3}{3} = 1$

$2 - 1 = 1$

$1 = 1 \checkmark$