3// $((4+3)\times 4) - 5 + \left(\frac{(7-4)^2}{3}\right) + 1$

$(7)\times 4) - 5 + \left(\frac{3^2}{3}\right) + 1$

$28 - 5 + 3 + 1$

$23 + 4$

$= 27$

6// $\frac{y}{P} + a = b \qquad \frac{yP}{P} + aP = bP$

$y + Pa = Pb$

$Pa = Pb - y$

$P = \frac{(Pb - y)}{(b - a)}$

$P = \frac{y}{(a - b)}$

9// Friday = $x = 3.5$

Saturday = $y = 5$

Sunday = $z = 6.5$

$x + y + z = 15\text{hrs}$

$\text{Pay} = \text{Hours}^{\text{Total}} \times \$12.50/\text{hr}$

$= (x + y + z) \times 12.50$

$= 15 \times 12.50$

$= \$187.50$

12// Reno Budget = $\$18\,000.00$

Shrubs & Flowers = $9\% = 0.09$

$18\text{K} \times 0.09 = \$1620.00$

15// gallons ~~= Imperial~~ metttttriiiccc... metric :)

$1600\ \text{units}^{\text{total}} - 320\ \text{units}^{\text{used}} = 1280\ \text{units}^{R}$

$\left(\frac{1280^R}{1600^T}\right) = 0.8 = 80\%$

18// $75\% = 0.75$

$0.75x = 224.96$

$x = \frac{224.96}{0.75} = 299.9467$

$x = 299.95$

$\text{HST} = 15\% = 0.15$

$\text{Cost}^{\text{Total}} = \text{Price}^{\text{DA}} \times 1.15$

$= 224.95 \times 1.15$

$= 258.69$

```
252
253   pow(x, y): Returns x raised to the power y.
254   sqrt(x): Returns the square root of x.
255   fabs(x): Returns the absolute value of x.
256   fmod(x, y): Returns the remainder of x divided by y.
```