

63

$$\left[\text{S 2.1 \#s } 11, 21, 29, 41, 64 \right]$$

$$\frac{1}{3}(y+4) + 6 = \frac{1}{4}(3y-1) - 2$$

$$3=3$$

$$4=2 \cdot 2$$

$$\text{LCD} = 12$$

$$12 \left[\frac{1}{3}(y+4) + 6 \right] = 12 \left[\frac{1}{4}(3y-1) - 2 \right]$$

$$12 \left(\frac{1}{3} \right) (y+4) + 12(6) = 12 \left(\frac{1}{4} \right) (3y-1) + 12(-2)$$

$$\cancel{12} \left(\frac{1}{\cancel{3}} \right) (y+4) + 12(6) = \cancel{12} \left(\frac{1}{\cancel{4}} \right) (3y-1) + 12(-2)$$

$$4(y+4) + 72 = 3(3y-1) - 24$$

$$4y + 16 + 72 = 9y - 3 - 24$$

$$4y + 88 = 9y - 27$$

$$-88 + = -88$$

$$4y = 9y - 115$$

$$-9y = -9y$$

$$-5y = -115$$

$$\frac{-5y}{-5} = \frac{-115}{-5}$$

$$y = \frac{-115}{-5} = \boxed{23 = y}$$

~~Laurie~~

Next time S2.2

I'll mainly work a few @
assign a few.

The more you do, the better you'll be.

ENGLISH - to - ALGEBRA
(shorthand
English)

PLUS	+
The number we're searching for	x