$$\frac{z}{6}\left(\frac{3}{2}\right) - 7 = -2(3z - 4)$$

4. What value of z satisfies the equation above?

A) $-\frac{12}{5}$

B) $-\frac{4}{25}$

C) $\frac{4}{25}$

D) $\frac{12}{5}$

$\frac{3z}{12} - 7 = -6z + 8$

$\frac{z}{4} - 7 = -6z + 8$

$4\left(\frac{z}{4}\right) = (-6z + 15)4$

$z = -24z + 60$

$25z = 60$

$z = \frac{60}{25} = \frac{12}{5}$

5. Line L passes through the coordinate points $\left(-\frac{7}{2}, 3\right)$ and $\left(-\frac{3}{2}, 5\right)$. What is the slope of line L?

A) -1

B) $-\frac{2}{5}$

C) $\frac{2}{5}$

D) 1

NORMAL FLOAT AUTO REAL RADIAN MP

LinReg

y=ax+b
a=1
b=6.5

$y = x + 6.5$

$$17(6x - 50) = 204\left(\frac{7}{24}x\right)$$

6. For what value of x is the equation above true?

$102x - 850 = \frac{119}{2}x$

$102x - \frac{119}{2}x = 850$

$42.5x = 850$

$x = 20$