Solving Multi Step Equations

Match the following.

$$\frac{3t-5}{4} + 4(t+1) = 7 - 2t$$ ○

○ $t = -0.108$

$$5t - \frac{1}{2} = \frac{3}{4} - t$$ ○

○ $t = \frac{17}{27}$

$$\frac{t}{1.5} - 3 - 2.5t = 4.6 - 1.3t$$ ○

○ $t = -4$

$$\frac{3}{8}(t-5) = \frac{5}{8} + t$$ ○

○ $t = \frac{5}{24}$

$$-22 = -4(3-4t) - 6(t-7)$$ ○

○ $t = -14.25$

$$\frac{4}{3(t+3.5)} = \frac{3}{4(1.8-t)}$$ ○

○ $t = -5\frac{1}{5}$

Solving Multi Step Equations

Answer key

Match the following.

$$\frac{3t-5}{4} + 4(t+1) = 7 - 2t$$

$$5t - \frac{1}{2} = \frac{3}{4} - t$$

$$\frac{t}{1.5} - 3 - 2.5t = 4.6 - 1.3t$$

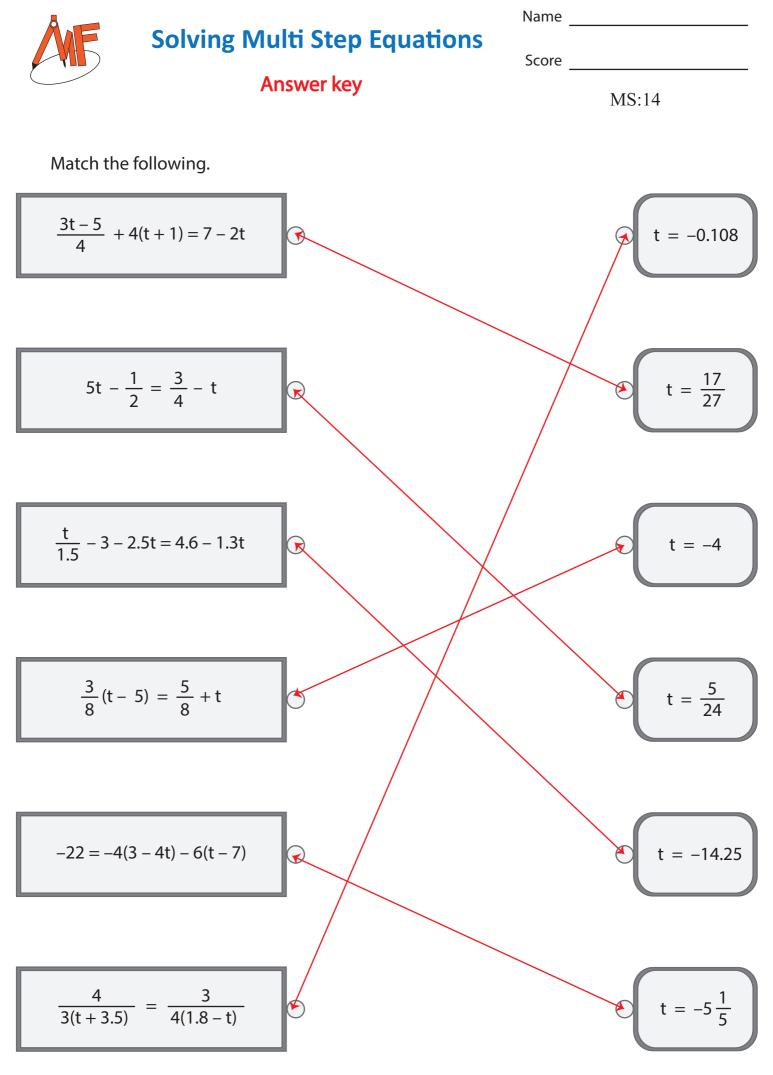$$\frac{3}{8}(t-5) = \frac{5}{8} + t$$

$$-22 = -4(3-4t) - 6(t-7)$$

$$\frac{4}{3(t+3.5)} = \frac{3}{4(1.8-t)}$$

$t = -0.108$

$t = \dfrac{17}{27}$

$t = -4$

$t = \dfrac{5}{24}$

$t = -14.25$

$t = -5\dfrac{1}{5}$