

$$\textcircled{6} \quad \frac{1}{3}(6v-1) + \frac{3}{4}(8v+2)$$

$$= 2v - \frac{1}{3} + 6v + \frac{3}{2}$$

$$= 8v - \frac{1}{3} + \frac{3}{2} = 8v - \frac{2}{6} + \frac{9}{6}$$

$$= \boxed{8v + \frac{7}{6}}$$

$$\textcircled{7} \quad 2 + (3 + 4) = (2 + 3) + 4$$
$$9 = 9$$

$$\textcircled{8} \quad 8 - 7w = 3w + 9$$

$$-10w = 1$$

$$w = -\frac{1}{10}$$

$$\textcircled{9} \quad y = mx + b$$

$$y - b = mx$$

$$x = \frac{y - b}{m}$$

$$\textcircled{10} \quad 3 + 5 + 7D = 99$$

$$8 + 7D = 99$$

$$7D = 91$$

$$D = 13 \text{ days}$$

$D = \#$ of days
running
7 miles