DO NOW

Create an equation for the following word problem and then solve it.

**Matt has agreed to paint 3 houses. If he knows that he can paint $\frac{2}{5}$ of a house in one day, how many days (d) will it take him to paint all 3 houses?

$$\left(\frac{5}{2}\right) \cdot \frac{2}{5}d = 3\left(\frac{5}{2}\right)$$

$$d = 7\tfrac{1}{2}\ days$$