

$$10 - 3 \frac{3}{4} \cdot \left(2 \frac{1}{3} + 1 \frac{2}{5} \right) : 1 \frac{5}{9} =$$

$$= 10 - \frac{15}{4} \cdot \left(\frac{7}{3} + \frac{7}{5} \right) : \frac{14}{9} =$$

$$= 10 - \frac{15}{4} \cdot \left(\frac{35 + 21}{15} \right) : \frac{14}{9} =$$

$$= 10 - \frac{15}{4} \cdot \left(\frac{56}{15} \right) : \frac{14}{9} =$$

$$= 10 - \frac{\cancel{15}}{4} \cdot \frac{\cancel{56}^4}{\cancel{15}} \cdot \frac{9}{14} =$$

$$= 10 - \frac{1}{4} \cdot \frac{4}{1} \cdot \frac{9}{1} =$$

$$= 10 - 9 = \underline{1}$$