

## Answer on Question #76211 – Math – Algebra

### Question

Find the number that is  $\frac{3}{4}$  of the way from  $\frac{2}{5}$  to  $4\frac{2}{3}$ .

### Solution

Firstly, we find the way from  $\frac{2}{5}$  to  $4\frac{2}{3}$ :

$$4\frac{2}{3} - \frac{2}{5} = \frac{14}{3} - \frac{2}{5} = \frac{70}{15} - \frac{6}{15} = \frac{64}{15}$$

The  $\frac{3}{4}$  of this way is

$$\frac{3}{4} \cdot \frac{64}{15} = \frac{16}{5} = 3\frac{1}{5}$$

**Answer:**  $3\frac{1}{5}$ .