

3-n-2020

Extra Practice

• Increase and Decrease Ratio

Q1) Increase 150 in the ratio 5:3.

$$\rightarrow \overset{50}{150} \times \frac{5}{3} = 250$$

Q2 Decrease 40 minutes in the ratio 3:4.

$$\rightarrow \overset{10}{40} \times \frac{3}{4} = 30$$

Q3 Increase:

a. 171 in the ratio 10:9.

$$\rightarrow \overset{19}{171} \times \frac{10}{9} = 190$$

b. 136 in the ratio 5:4

$$\rightarrow \overset{34}{136} \times \frac{5}{4} = 170$$

Q4 Decrease:

1. 115 in the ratio 4:5

$$\rightarrow \overset{23}{115} \times \frac{4}{5} = 92$$

b. 126 kg in the ratio 3:4

$$\rightarrow \frac{126 \times 3}{4}$$

Q.5. Determine, if the ratios 40cm to 1m and 400ml to 1L form a proportion or not.

$$\rightarrow \frac{40}{1} \neq \frac{400}{1} \quad = \quad 40:1 \neq 400:1$$

$$= \text{No}$$