

To express one quantity as a fraction of another

- They must both be the same unit.

Q1 ii) 3 days, 1 week

make both quantities days.

3 days, 7 day

as fraction $\frac{3}{7}$

Q1 Pg 67

HCF = 8

$$(i) \frac{16}{24} = \frac{2}{3}$$

iii 40c, €2 HCF

$$\frac{40}{200} \div 10 = \frac{4}{20} \div 4 = \frac{1}{5}$$

iv 24mins 2hour

$$\frac{24}{120} = \frac{12}{60} = \frac{1}{5}$$

$$v) \frac{120}{300} = \frac{6}{15} = \frac{2}{5}$$

8 hours, 3 days.

$$24 \times 3 = 72 \text{ hours.}$$

$$\frac{8}{72} = \frac{1}{9}$$

spent

$$\frac{1}{5} + \frac{2}{3}$$

$$\text{LCD} = 15$$

$$\frac{\underline{3}}{\underline{15}} + \frac{\underline{10}}{\underline{15}} = \frac{13}{15}$$

$$\frac{15}{15} - \frac{13}{15} = \frac{2}{15}$$

walk + Bus + walk

$$\frac{2}{5} + 3\frac{1}{4} + \frac{1}{2}$$

$$\frac{\cancel{20}^4 \cdot 2}{\cancel{5}_1} + \frac{\cancel{20}^5 \cdot 13}{\cancel{4}_1} + \frac{\cancel{20}^{10} \cdot 1}{\cancel{2}_1}$$

$$\text{LCD} = 20$$

$$\frac{8 + 65 + 10}{20} = \frac{83}{20} = 4\frac{3}{20} \text{ km}$$