Fractions Ex 6.5 Q8

Answer :

$\left(\text{i}\right)\ \frac{250}{400}$

Dividing both the numerator & denominator by the HCFs of 250 & 400, we get :

$= \left(\frac{\frac{250}{50}}{\frac{400}{50}}\right)$

$= \frac{5}{8}$

$\left(\text{ii}\right)\ \frac{180}{200}$

Dividing both the numerator & denominator by the HCFs of 180 & 200, we get :

$= \left(\frac{\frac{180}{20}}{\frac{200}{20}}\right)$

$= \frac{9}{10}$

$\left(\text{iii}\right)\ \frac{660}{990}$

Dividing both the numerator & denominator by the HCFs of 660 & 990, we get :

$= \left(\frac{\frac{660}{30}}{\frac{990}{30}}\right)$

$= \frac{\left(\frac{22}{11}\right)}{\left(\frac{33}{11}\right)}$

$= \frac{2}{3}$

$\left(\text{iv}\right)\ \frac{180}{360}$

Dividing both the numerator & denominator by the HCFs of 180 & 360, we get :

$= \left(\frac{\frac{180}{180}}{\frac{360}{180}}\right)$

$= \frac{1}{2}$

$\left(\text{v}\right)\ \frac{220}{550}$

Dividing both the numerator & denominator by the HCFs of 220 & 550, we get :

$= \left(\frac{\frac{220}{11}}{\frac{550}{11}}\right)$

$= \left(\frac{20}{50}\right)$

$$= \left(\frac{\frac{20}{10}}{\frac{50}{10}} \right)$$

$$= \frac{2}{5}$$

(i) – (d)

(ii) – (e)

(iii) – (a)

(iv) –(c)

(v)– (b)

********** END **********