



Fractions Ex 6.5 Q8

Answer :

$$(i) \frac{250}{400}$$

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

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

$$= \frac{5}{8}$$

$$(ii) \frac{180}{200}$$

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

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

$$= \frac{9}{10}$$

$$(iii) \frac{660}{990}$$

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

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

$$= \frac{22}{33}$$

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

$$= \frac{2}{3}$$

$$(iv) \frac{180}{360}$$

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

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

$$= \frac{1}{2}$$

$$(v) \frac{220}{550}$$

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

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

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

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

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

(i) – (d)

(ii) – (e)

(iii) – (a)

(iv) – (c)

(v) – (b)

***** END *****

