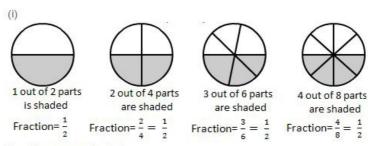
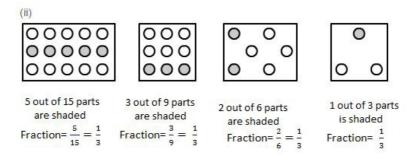


## Fractions Ex 6.5 Q1

## Answer:

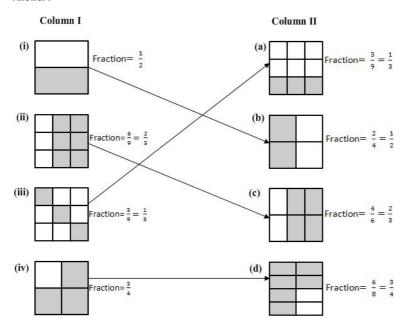


Yes, they are equivalent.



Yes, they are equivalent.

## Fractions Ex 6.5 Q2 Answer:



Fractions Ex 6.5 Q3

Answer:

$$\frac{(i)}{2} = \frac{6}{1}$$

As  $2 \times 3 = 6$ , we will multiply both the numerator & denominator by 3.  $\Rightarrow \frac{2}{7} \times \frac{3}{3} = \frac{6}{21}$ 

$$\frac{5}{6} = \frac{10}{10}$$

As  $5\times 2=10,$  we will multiply both the numerator & denominator by 2.  $\Rightarrow \frac{5}{8} \times \frac{2}{2} = \frac{10}{16}$ 

$$\frac{4}{5} = \frac{20}{20}$$

(iii)  $\frac{4}{5} = \frac{1}{20}$  As  $5 \times 4 = 20$ , we will multiply both the numerator & denominator by 4.

$$\frac{(iV)}{60} = \frac{15}{60}$$

(iv)  $\frac{45}{60}=\frac{15}{60}=15$  As  $45\div 3=15$ , we will multiply both the numerator & denominator by 3.

$$\Rightarrow \left(\frac{\frac{45}{3}}{\frac{60}{2}}\right) = \frac{15}{20}$$

$$\frac{18}{24} = \frac{1}{4}$$

(v)  $\frac{18}{24}=\frac{1}{4}$  As  $24\div 6=4$ , we will multiply both the numerator & denominator by 6.

$$\Rightarrow \left(\frac{\frac{18}{6}}{\frac{24}{6}}\right) = \frac{3}{4}$$

\*\*\*\*\*\*\*\*\*\* END \*\*\*\*\*\*\*\*