

$$10) \frac{13}{3125}$$

$$= \frac{13}{5^5}$$

$\therefore$  denominator has only 5 as factor  
 $\therefore$  decimal representation of given number is terminating.

or

$\therefore$  prime factorisation of the denominator is of the form  $2^m 5^n$  where  $m, n$  are whole numbers  
 $\therefore$  decimal representation of given number is terminating.

$$11) \frac{17}{8}$$

$$= \frac{17}{2^3}$$

$\therefore$  decimal representation of given number is terminating.

$$12) \frac{64}{455}$$

$$= \frac{64}{5 \times 7 \times 13}$$

$\therefore$  denominator has factors other than 2 and 5  
 $\therefore$  decimal representation of given number is terminating.