(6) (i) $\frac{3}{4}$ (0.75) (terminating)

$= \frac{3}{2 \times 2}$ → only 2 as factor

(ii) $\frac{7}{10}$ $(=0.7)$ terminating

$= \frac{7}{2 \times 5}$ → only 2 and 5 as factors

(iii) $\frac{1}{25}$ $(=0.04)$ terminating

$= \frac{1}{5 \times 5}$ → only 5 as factor

(iv) $\frac{11}{100}$ $(=0.11)$ terminating

$= \frac{11}{2^2 \times 5^2}$ → only 2 and 5 as factors

denominator (q) has only 2 and 5, only 2 or only 5 as factors

or

q has prime factorisation of the form $2^n 5^m$ where n, m are whole numbers