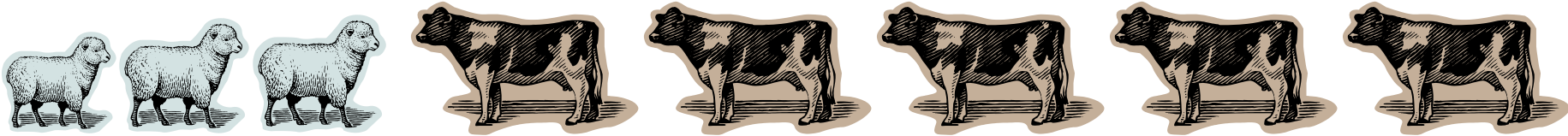


## Cl. 6

## Ratio

Understand this and you can do all the questions about ratio!!



A farmer had sheep and cows on his farm in the ratio of 3:5

He had eight animals so  $\frac{3}{8}$  were sheep and  $\frac{5}{8}$  were cows.

Another farmer had 48 sheep and cows on his farm in the SAME ratio. How many sheep and cows did he have?

ANSWER:

$$\frac{3}{8} \text{ of } 48 \text{ were sheep} = \frac{3}{8} \times \frac{48}{1} = 18$$

and

$$\frac{5}{8} \text{ of } 48 \text{ were cows} = \frac{5}{8} \times \frac{48}{1} = 30$$

Remember : a) of means  $\times$

b) ratios are written in 'lowest terms' so  $9:15 = 3:5$