

Warm-up

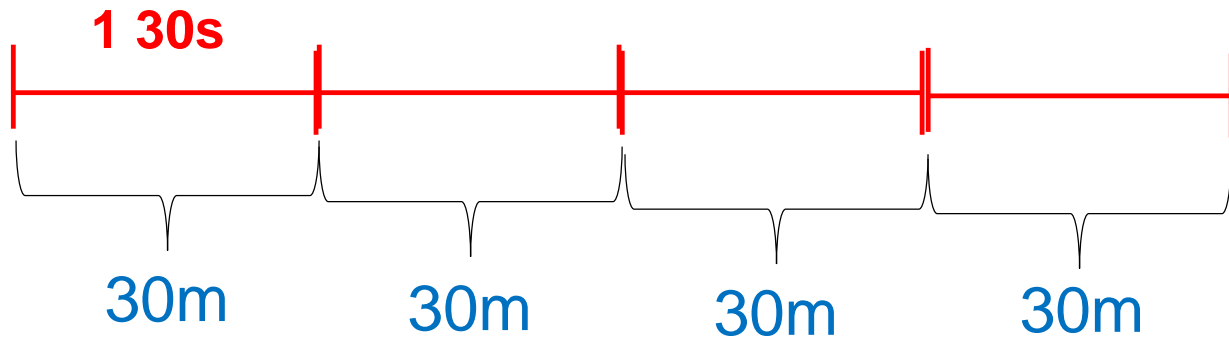
$$4 \times 5 = 20$$

$$2 \times 8 = 16$$

$$8 \times 9 = 72$$



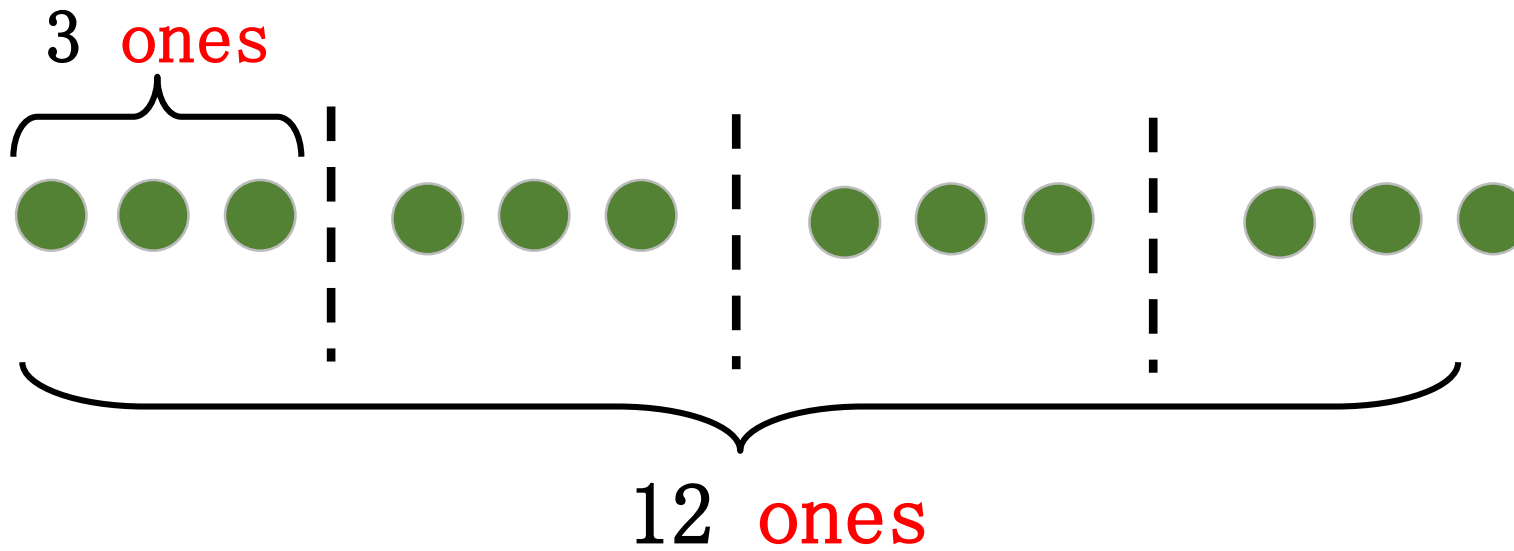
In school's relay race, there are 4 players in a team, each player should run 30 m. How many metres will they run in total?



$$30 + 30 + 30 + 30 = \mathbf{120} \quad \mathbf{4 \ 30s}$$

$$4 \times 30 = \mathbf{120}$$





$$4 \times 3 \text{ ones} = 12 \text{ ones}$$

$$4 \times 3 = 12 \quad \mathbf{4 \text{ 3s}}$$

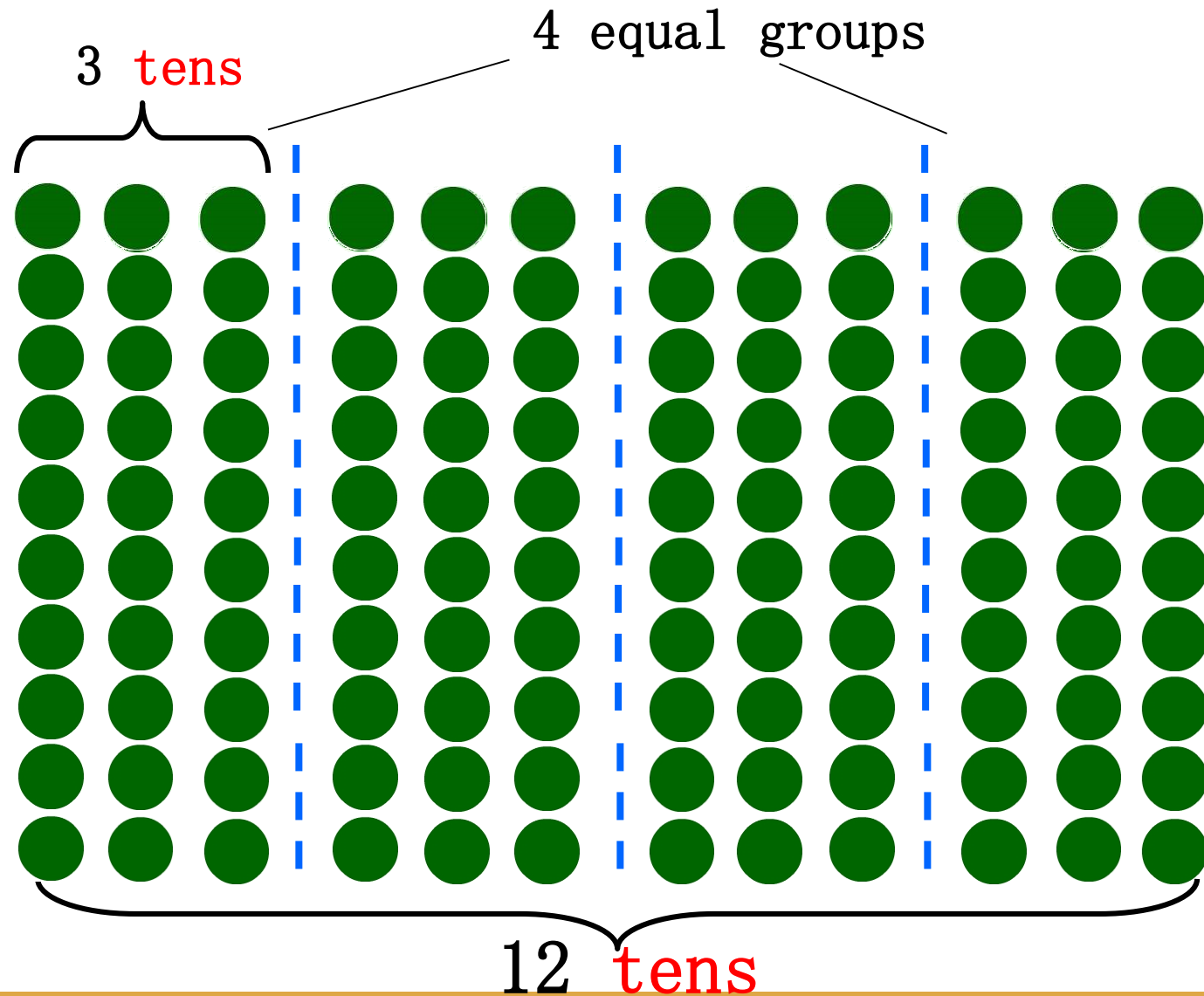
The number of groups

The number in each group

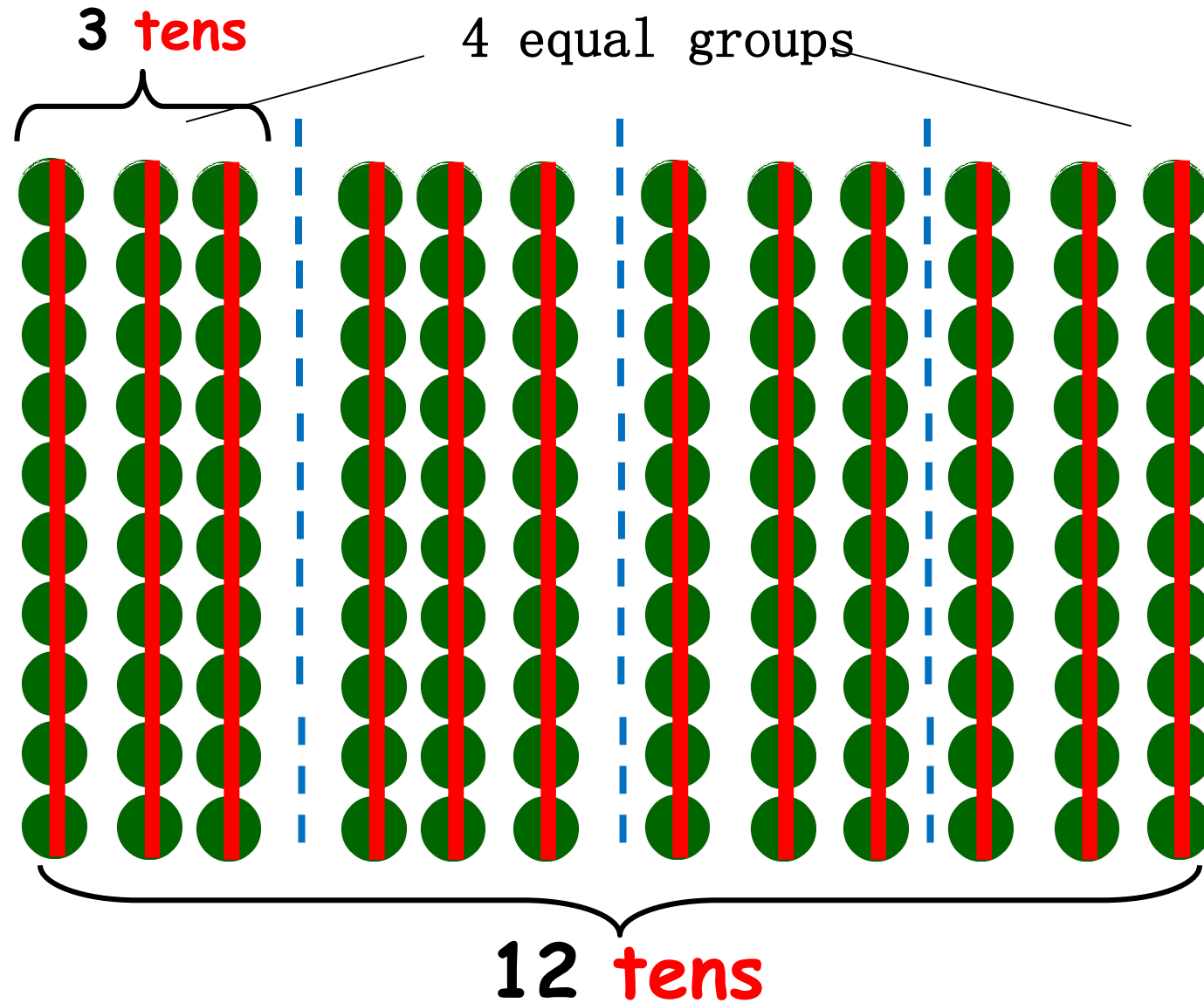
The number in total

$$4 \times 3 = 12$$

$$4 \times 30 = 120$$



$$4 \times 30 = 120$$



New topic

In school's relay race, there are 4 players in a team and each player should run 30 m. How many metres will they run in total?

$$4 \times \underline{30} = \underline{120} \text{ (m)}$$

$$4 \times 3 \text{ tens} = 12 \text{ tens}$$



Following practice

$$2 \times \underset{\text{tens}}{\color{red}80} = \underset{16 \text{ tens}}{\color{red}160}$$

$$2 \times 8 = 16$$

$$4 \times \underset{\text{hundreds}}{\color{red}900} = \underset{36 \text{ hundreds}}{\color{red}3600}$$

$$4 \times 9 = 36$$



Following practice

$$4\underline{0} \times 8 = 32\underline{0}$$

$$4 \times 8 = 32$$

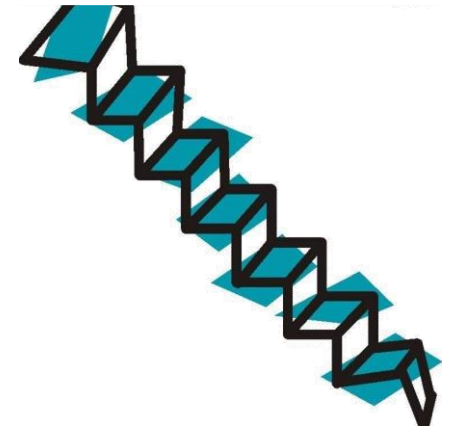


Brain storm

Number steps

$$\begin{array}{l} \text{ones} \\ 2 \times 4 = 8 \\ \text{tens} \\ 2 \times 40 = 80 \\ \text{hundreds} \\ 2 \times 400 = 800 \\ \text{thousands} \\ 2 \times 4000 = 8000 \end{array}$$

$$\begin{array}{l} \text{ones} \\ 7 \times 8 = 56 \\ \text{tens} \\ 70 \times 8 = 560 \\ \text{hundreds} \\ 700 \times 8 = 5600 \\ \text{thousands} \\ 7000 \times 8 = 56000 \end{array}$$



Brain storm

Crazy number

$$4,000,000 \times 8 =$$

$$2 \times 5,000,000 =$$

