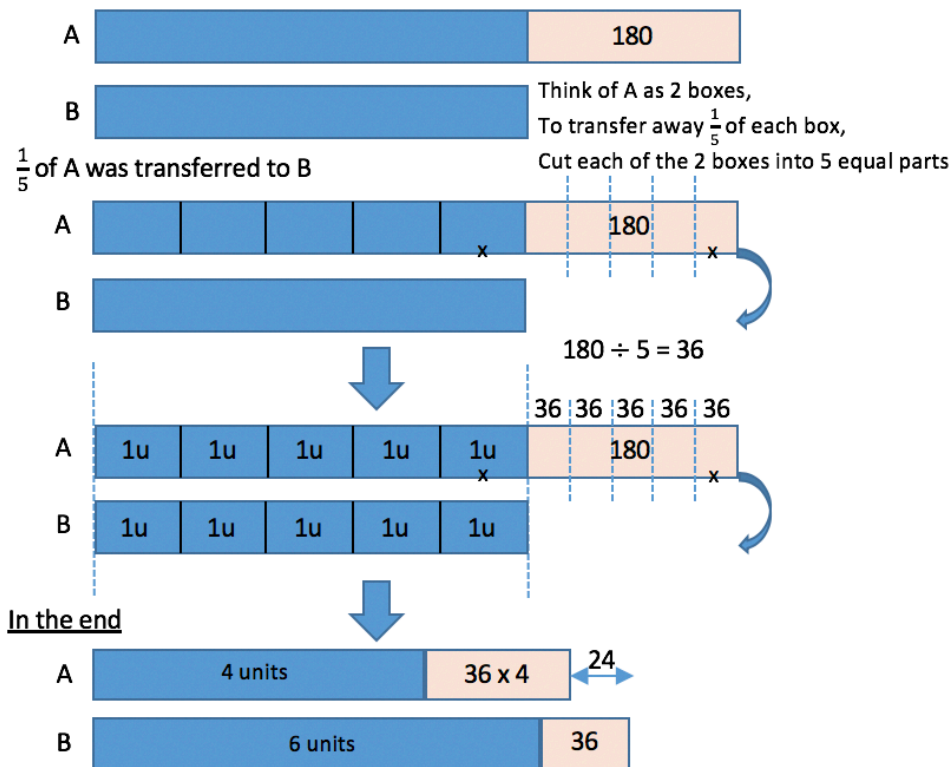Example:

There were **_180 more bags_** in Shop A than Shop B at first. After $\frac{1}{5}$ **_of the bags were transferred_** from Shop A to Shop B, there were 24 more bags in Shop B than Shop A. How many bags were there in Shop B at first?

Note: Questions that require advanced model drawing techniques usually starts with a **_given difference_** and then a **change in the form of a fraction / portion of it.**

Tips: Draw a model to represent the story.

A | 180

B

$\frac{1}{5}$ of A was transferred to B

Think of A as 2 boxes,
To transfer away $\frac{1}{5}$ of each box,
Cut each of the 2 boxes into 5 equal parts

A | 180

B

$180 \div 5 = 36$

36 | 36 | 36 | 36 | 36

A | 1u | 1u | 1u | 1u | 1u | 180

B | 1u | 1u | 1u | 1u | 1u

In the end

A | 4 units | 36 x 4 | 24

B | 6 units | 36

Solution:
2 unit → [(36 x 4) + 24] − 36 = 132
1 unit → 132 ÷ 2 = 66
5 units → 66 x 5 = 330   *Ans: 330 bags*