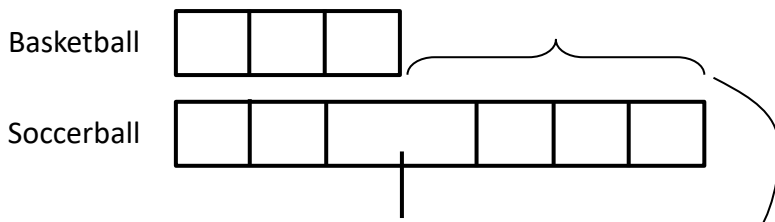


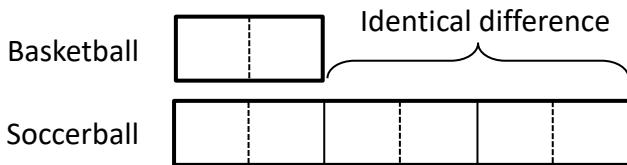
Skill Set 4 – Before and After (Constant difference) (Whole Numbers)

The number of basketballs in a shop was $\frac{3}{7}$ the number of soccer balls. After 21 soccer balls and 21 basketballs were sold, the number of basketballs was $\frac{1}{3}$ the number of soccer balls. How many soccer balls were there in the beginning?

Before



After



Number of units of basketball at first = 3 units

Number of units of basketball in the end = 2 units

$$3 - 2 = 1$$

$$1 \text{ unit} = 21$$

Number of soccer balls in the beginning = $21 \times 7 = \mathbf{147}$

There were **147** soccer balls in the beginning.