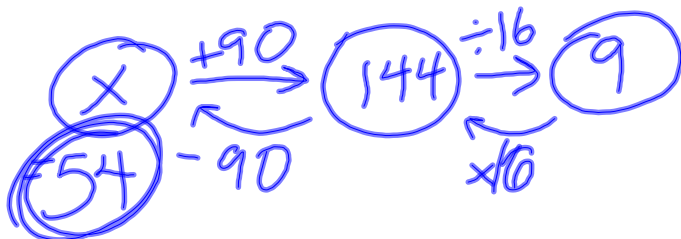


75) 15 kids  $\rightarrow$  by old = mean  
 Let's pretend they are  
 all 6 yrs. old.

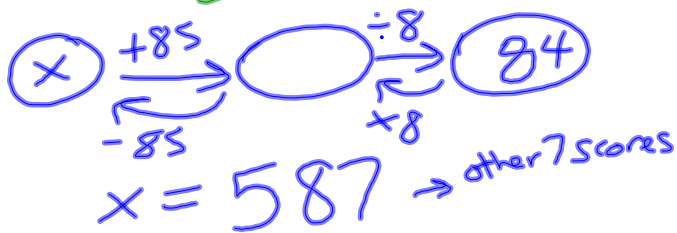
$$15 \cdot 6 = 90 \text{ yrs. total}$$

$$\frac{90 + x}{16} = 9$$



76) If marksman = 85  
 then mean = 84

$$\begin{array}{r} \text{1 marksman} \\ \downarrow \\ 85 + \text{other 7 scores} \\ \downarrow \\ \hline 8 = 84 \end{array}$$



$$\frac{58 + 587}{8} = \boxed{80.625}$$

---

84)  $2 \cdot 4 \cdot 3 = \boxed{24}$

$\uparrow$                      $\uparrow$                      $\uparrow$   
 ...                    ...                    ...

81 a)  $P(\text{defective}) =$

$$\frac{6}{25}$$

b)  $\frac{6}{25} = \frac{?}{1000}$

82

7 blue

5 yellow

8 red

4 green

6 purple

total = 30

$$P(\text{NOT yellow}) = \frac{25}{30}$$