## A Maths Question，PSLE 2022

There were 9 red beads and some blue beads in a box．After some red beads were added，the fraction of blue beads was $\frac{2}{5}$ ．After 56 yellow beads were added，the fraction of the blue beads was $\frac{2}{9}$ ．What was the number of red beads added？

Paper 1，Q30
<< Ratio >>
＜G．R．＞
Let $(1)$ be the number of red beads added．
＊The number of blue beads remains unchanged．

| Yellow <br> 0 | Red <br> 9 |  | Blue |
| :---: | :---: | :---: | :---: |
| +56 | $+(1)$ |  | $?$ |
|  | 3 | $:$ | 2 |
| $(4)$ |  |  | 2 |

＜Writing＞

$$
\begin{array}{ll}
5-2=3(u) & \\
7-3=4(u) & \rightarrow \text { yellow beads } \\
56 \div 4=14 \text { (beads) } & \rightarrow 1 \text { unit } \\
14 \times 3=42 \text { (beads) } & \rightarrow \text { red beads after added } \\
42-9=33 \text { (beads) } & \rightarrow \text { red beads added }
\end{array}
$$

