

Word Problem Worksheet
& Solutions
Catholic High Section C
P4 Mathematics CA1 2020

Show your working clearly in the space provided for each question and write your answers in the spaces provided.

10. Child that gets party pack $\rightarrow 4^{\text{th}}, 8^{\text{th}}, \underline{12^{\text{th}}}, 16^{\text{th}}, 20^{\text{th}}, \underline{24^{\text{th}}}, 28^{\text{th}} \dots$
Child that gets Lego figurine $\rightarrow 6^{\text{th}}, \underline{12^{\text{th}}}, 18^{\text{th}}, \underline{24^{\text{th}}}, 30^{\text{th}}, 36^{\text{th}} \dots$

Second child that gets both party pack and Lego figurine is the 24^{th} child.

Ans: 24^{th} child

11. Let number of stamps Alice had = u
Number of stamps Betty had = $80 + u$
Number of stamps Janice had = $140 + u$

Total number of stamps = $u + 80 + u + 140 + u = 3u + 220 = 2695$

$3u = 2695 - 220 = 2475$

$u = 2475 \div 3 = 825 = \text{number of stamps Alice had}$

Ans: 825
