

ACTIVITY – 2

Time: 10 min.

Building up simple equations by writing statements.

❖ Fill in the blanks to construct an equation.

- 1) Nimali's mother's age is 35 years more than one third of Nimali's age. Her mother is 40 years old now.

$$\begin{aligned}\text{Nimali's age} &= \chi \\ \text{One third of Nimali's age} &= \frac{1}{3} \times \chi \\ &= \frac{\boxed{}}{\boxed{}}\end{aligned}$$

Since, mother's age is 35 years than one third of Nimali's age,

$$\text{Mother's age} = \frac{\chi}{3} + \boxed{}$$

Since, her is 40 years old,

$$\frac{\chi}{3} + 35 = \boxed{}$$

- 2) I am thinking of a number. When I divide it by 4 and then subtract 12, the answer is 8.

The relevant equation is,

$$\frac{\boxed{}}{\boxed{}} - \boxed{} = \boxed{}$$