62.

$M_1 = 15$, $M_2 = 30$, $M_3 = 20$

$\rightarrow$ $\sigma_1 = 1$, $\sigma_2 = 2$, $\sigma_3 = 1.5$

mean of the total time

$\rightarrow M = 15 + 30 + 20 = 65$ min

Standart deviation $(\sigma) =$

$= \sqrt{(1)^2 + (2)^2 + (1.5)^2}$

$= \sqrt{1 + 4 + 2.25}$

$= \sqrt{7.25}$

$\rightarrow$ probability that total time is almost

$\rightarrow$ $P(x \leq 60)$

$\rightarrow P(z \leq -(65-60)/\sqrt{7.25})$

$\rightarrow P\left(z \leq \dfrac{-5}{\sqrt{7.25}}\right)$

$\rightarrow P(z \leq -1.8569) \rightarrow P(z \geq 1.856)$

$\rightarrow 1 - P(z \leq 1.8569) \rightarrow (1 - P(z \leq 1.86)$

$\rightarrow 1 - 0.9685 \rightarrow \underline{0.0315}$