20 banana Work

Example: A can do a piece of work in 10 days. B can also do the same work in 12

and C can do the same work in 15 days. A & B start the work and work for 2 days and then B leave and after 1 more day, C joins A to complete the work. In how many days

rand C can do the same work in 15 days. A & B start the work and work for 2 days and then B leave and after 1 more day, C joins A to complete the work. In how many days will the work be completed?

A
$$\longrightarrow$$
 10 days, \longrightarrow 1day \longrightarrow 1day \longrightarrow 10 days, \longrightarrow 15 days, \longrightarrow 1day \longrightarrow 1day \longrightarrow 15 days, \longrightarrow 1day \longrightarrow 1day \longrightarrow 10 days, \longrightarrow 1day \longrightarrow 1day \longrightarrow 10 days, \longrightarrow 1day \longrightarrow

3 ClA - zdays

Whotel = Wit Wa =
$$(2 \times \frac{10}{10}) + (2 \times \frac{10}{10})$$
 $+(1 \times \frac{10}{10})$

Whotel =
$$\frac{24W + 20W + 12W}{120}$$

$$= \frac{4456W}{15} = \frac{7}{15}N$$
Weft = $\frac{7}{15}N$

Where
$$=$$
 $\frac{15-7}{15}$ $\omega = \frac{8}{5}$ ω

Where $=$ $\frac{15-7}{15}$ $\omega = \frac{8}{5}$ ω
 $=$ $\frac{2\omega+2\omega}{302}$ $\times x = \frac{8}{5}$ ω
 $=$ $\frac{3\omega+2\omega}{302}$ $\times x = \frac{8}{5}$ ω
 $=$ $\frac{5\omega}{3}$ $\times =$ $\frac{8}{5}$ ω
 $=$ $\frac{16}{5}$ ω

Total Days = $2+1+3.2$

Total Days = 2 + 1 + 3.2 = 6.2 days