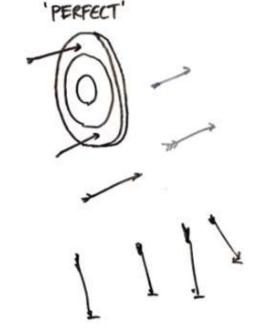


· Practice:

- A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?
- 2. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?
- 3. If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be?
- 4. A does 80% of a work in 20 days. He then calls in B and they together finish the remaining work in 3 days. How long B alone would take to do the whole work?





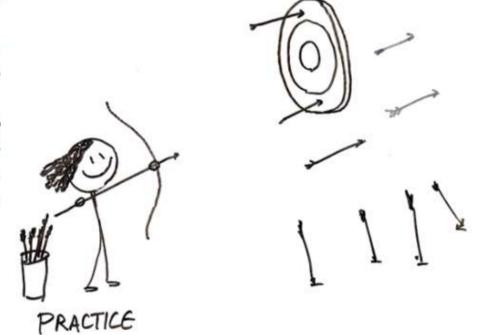






Practice:

- 5. A can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days, A alone can finish the remaining work?
- 6. 10 women can complete a work in 7 days and 10 children take 14 days to complete the work. How many days will 5 women and 10 children take to complete the work?
- 7. Ravi and Kumar are working on an assignment. Ravi takes 6 hours to type 32 pages on a computer, while Kumar takes 5 hours to type 40 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?



PERFECT

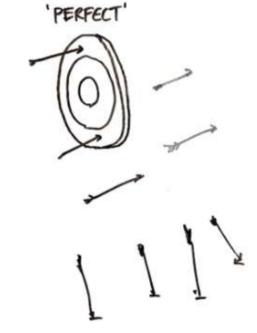


Practice:

- Pooja is twice as efficient as Aarti and takes 90 days less than Aarti to complete the job. Find the time in which they can finish the job together.
- 2. 4 men and 5 boys can do a piece of work in 20 days while 5 men and 4 boys can do the same work in 16 days. In how many days can 4 men and 3 boys do the same work?
- 3. It is observed that the pipe A can fill the tank in 15 hrs and the same tank is filled by pipe B in 20 hrs. The third pipe C can vacant the tank in 25 hrs. If all the pipes get opened initially and after 10 hrs, the pipe C is closed, then how long will it take to fill the tank?
- 4. Two pipes A & B can fill a tank in 5 min & 10 min respectively. Both the pipes are opened together but after 2 min, pipe A is turned off. What is the total time required to fill the tank?
- 5. A can finish a work in 24 days, B in 9 days and C in 12 days. B and C start the work but are forced to leave after 3 days. The remaining work was done by A in?





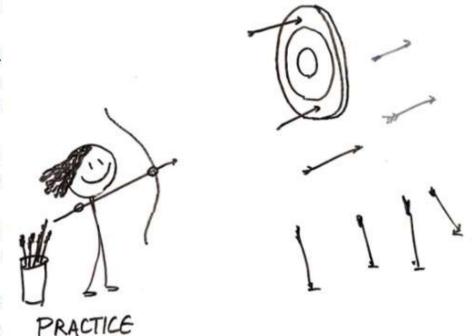






· Practice:

- 6. A tank is filled in 5 hours by three pipes A, B and C. The pipe C is twice as fast as B and B is twice as fast as A. How much time will pipe A alone take to fill the tank?
- 7. P can complete a work in 12 days working 8 hours a day. Q can complete the same work in 8 days working 10 hours a day. If both P and Q work together, working 8 hours a day, in how many days can they complete the work?
- 8. Sakshi can do a piece of work in 20 days. Tanya is 25% more efficient than Sakshi. The number of days taken by Tanya to do the same piece of work is:
- 9. A is 30% more efficient than B. How much time will they, working together, take to complete a job which A alone could have done in 23 days?
- 10. X can do a piece of work in 40 days. He works at it for 8 days and then Y finished it in 16 days. How long will they together take to complete the work?



PERFECT

· A: 10 B: 1 C: 1 1821 WOOKZ 2 X 1 ZO 18 3.0,BEC=W= 10 BO BO 10 Total 1008K = 10 10 = 1 2. A - 1 B = 1 A+B+CZ 1 per dey crote! 1-(1+1) = 1 purderey 1 1 1 2 1 31 2 Shore: 1 10 3200 2 408 3.6m+8b=186 26m+48b=1 36 m 4 LQ b = 32 10m 21 m 2 1 W= V5 8 1 + 20 × 1 = 1 per dry Le deux

(4) 80% in 20 day 2) 24 1- perday 2) \(\frac{1}{25} \text{ olony} \)

(A+tB = \frac{201}{2} \)

(3) \(\frac{1}{25} \)

(4) \(\text{per day} \)

1/15 - 1/23 = 2/25 por dey

3 = 75 = 37 . 5 deus

5) B= 108 <u>1</u> = 22

 $\frac{4}{3}$ $\frac{1}{3}$ $\frac{1}{18}$ $\frac{1}{18}$ $\frac{1}{18}$

26 Sunday ·

Week 48

6) 10 women: -1/2 => 1 wonanz 1/40 per day

10 enslaven: 1/14 => 1 child 2 1/410 por clay

Combinel rate: SX 1 + 1001 = 1 +1 = 1 perddy
Time: 7

(a) Typning oates

pen: = 32 = 16

Kumare: Leo _ 8 people

contine 9000

16 + 8 2 600 poops / har

Timo 2 110 = 8-25 norgin

