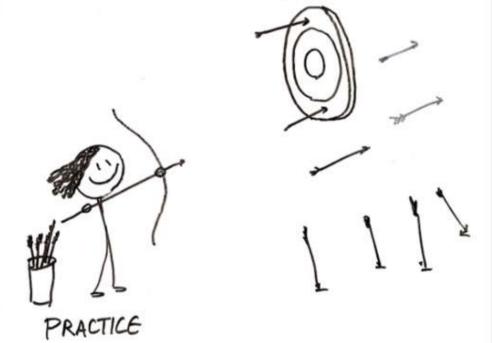


Practice:

- Ratio of the earnings of A and B is 4:7. If the earnings of A increases by 50% and those of B decreased by 25%, the new ratio of their earnings becomes 8:7. What are A's earnings?
- 2. Three persons A, B and C divide a certain amount of money such that A's share is Rs. 4 less than half of the total amount, B's share is Rs. 8 more than half of what is left and finally C takes the rest which is Rs. 14. Find the total amount they initially had with them?
- 3. In 4 years Raj father will be twice raj age then, where as two years ago his mother was twice his age. If Raj is going to be 32 years old eight years from now then what is the sum of his parents age now.
- 4. At the end of 1994 Rohit was half as old as his grandmother. The sum of the years in which they were born is 3844. How old Rohit was at the end of 1999?



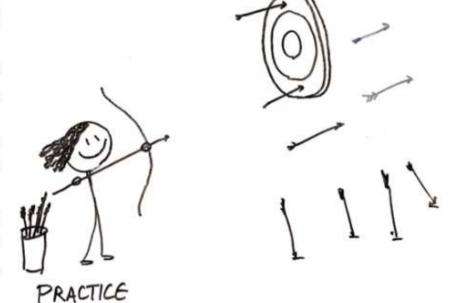
PERFECT





Practice:

- 5. 10 years ago, the average age of 10 people was 33 years. After 3 years, a person of age 40 died. After another 3 years, another person of age 40 died. After another 3 years, another person of age 30 dies. Find the present average age.
- 6. After 6 years Raju's father's age will be twice that of the his age and 2 years ago, his mothers age was twice that of Raju's age. What is the sum of Raju's parents' age?
- 7. Six years ago Raj's father's age is 6 times the age of Raj. The difference of present ages is 35. What is the sum of their present ages?
- 8. A grand father has 3 grand children. Age difference of two children among them is 3. Eldest child age is 3 times the youngest child's age and the eldest child age is two year more than the sum of age of other two children. What is the age of the eldest child?



PERFECT



Week 47 Partner Ship & Ages	
O AZ42 BZ72	3 8
A - new = 48 + 0. Sx4x =628	
b- new= 72-0.25x 72=5.252	
<u>B</u> 2 28 42 21:	
£-28x →	
@ A-4 less tem Total	
13 - 8 more them half of what left after	A
C-U	
Total ant 22	
D-2-4	
Reneirg - X PU	
	- 11k
- R sherel = 1 (7 + 4) + 8= \$ + +10	
- Pernaing for C: 5 -6 = 14	
Selve: 7 220 92280	
3)	
Reij aotz P	and a sure of the
8 years: 2 + 8 = 32, R= 24	
Father age in 4 yes: 2x (P+4) = 2	v 90 Z SK
Fathres Cualit ag: 56-4=52	N 28 - 20

mother age 2 gen: 2 x (p-2) 2 2 222200 mother current end: 42 246 sum = 52+466 2 98 4) Robint egg = R Poremelmother age z IR Birth you of Robit: 1994-R Birth year of germanother: 1994-2R Eirth year (1994-P) + (1994-2P) = 38 44 3988 - 32 2 3844, 3R = 144, R = 48 end 1999: 48+8=53 Total any 10 488 = 10 833 = 30 ag: 330+10p 10=430 3 yare, one 40 yare: 430+3×10-40=420 Suriorosa 9 another 3 years Ta: 4200 + 3×9 -40 240 0 Sarviors: 8 Ta: 407+3 x8-30 2401 mer 10-18: 7 the fit would

D I A D	rz Fl Mother M
1 Rajn als 22 father	= 21 = 2 (R-16)
father ear in Gyers =	FP6
I-28+6	
Mother and 2 yrs =	M-222(R-2)
Account for Article and The Control of the Control	(22-2) = LeR-14

DR-Raj's crase fater current zf

Six years age

F-b=B(R-6)

Fz6R-30

Age cliffrence: F-k=35: SR=65: R263

Fz 6R -30-R2 35; SR=65: R263

Stmm of age: 13+ Ce8 266

u) e = 3y m - y = 3 m - y + 3 e = y + m + 2 2y = y + Cy + 3 + 2 8y = 29 + 5 + y = 3a = y + Cy + 3 + 2 a = y + Cy + 3 a = y + Cy + 3