Chapter

Unit 9: Reasoning







Problems on Ages

Age related problems involve scenarios where we determine the age of individuals based on given conditions and relationships.

1.	A father is twice as old as his son. If 20 years ago, the age of the father was 10 times the age of the son, what is the present age of the father?
	(a) 40 years (b) 45 years (c) 32 years (d) 33 years
2.	Aditya is three times as old as his son, Hardik. After 7 years, Aditya will be two times as old as Hardik. What is the present age of Hardik?
	(a) 4 years (b) 8 years (c) 7 years (d) 10 years
3.	After 20 years, Manisha will be two times than her present age. What is her present age?
	(a) 15 years (b) 20 years (c) 10 years (d) 30 years
4.	Raghav is three times as old as his son, Sumit. In 15 years, Raghav will be twice as old as Sumit. What is Sumit's present age?
	(a) 30 years (b) 15 years (c) 35 years (d) 40 years
5.	Richa's age is five times as that of Sakshi. Ten years later, Richa's age will be thrice that of Sakshi. What is Richa's age?
	(a) 28 years (b) 50 years (c) 60 years (d) 55 years
6.	The sum of present ages of Ravi, Kaushal and Saurav is 80 years. If 5 years ago the ratio of their ages was $1:2:3$. What is the Kaushal's present age?
	(a) 20 years (b) 25 years (c) 35 years (d) 40 years
7.	The difference in the age of two people is 20 years. If 5 years ago, The elder one of the two was 5 times as old as the younger one, then their present ages are equal to:
	(a) 32 and 22 years (b) 15 and 30 years
	(c) 30 and 10 years (d) 20 and 30 years
8.	Father is five times the age of his daughter. If after 5 years, he would be three times of daughter's age, then further after 5 years, how many times he would be of his daughter's age?
	(a) 2 times (b) 2.5 times (c) 3 times (d) 4 times
9.	Reema is 15 years elder to Rohan. If 5 years ago, Reema was 3 times as old as Reema, then find Reema's present age.
	(a) 27.5 years (b) 32.5 years (c) 25 years (d) 24.9 years
10.	The sum of ages of two siblings, Riya and Manav, is 24 years. Riya is 4 years older than Manav. How old is Manav?
	(a) 5 years (b) 7 years (c) 10 years (d) 14 years
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