



$X=5$.

Then Mother's present age= $9*5=45$ yrs.

After 15 yrs Mother's age is= 60 yrs.

32 Ankita is 25 years old. If Rahul's age is 25% greater than that of Ankita then how much percent Ankita's age is less than Rahul's age?

- A. 40%
- B. 35%
- C. 10%
- D. 20%

- Your Answer :
- Correct Answer : D

◦ **Answer Justification :**

Percentage decrease = $25/125 * 100 = 20\%$

33 The percentage profit earned by selling an article for Rs. 2120 is equal to the percentage loss incurred by selling the same article for Rs. 1520. At what price should the article be sold to make 25% profit?

- A. Rs2275
- B. Rs2100
- C. Rs2650
- D. Rs2400

- Your Answer :
- Correct Answer : A

◦ **Answer Justification :**

The CP be

$$2120 + 1520 = 3640$$

$$3640/2 = 1820.$$

$$SP = 1820 * 125/100 = 1820 * 5/4$$

$$= \text{Rs}2275$$

34 The ratio of the amount for two years under compound interest annually and for one year under simple interest is 6:5. When the rate of interest is same, then the value of rate of interest is: