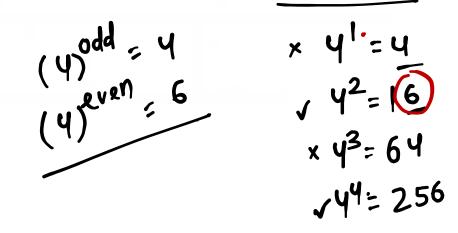
What is
$$\frac{5 \times \sqrt{5} = 5}{5\sqrt{5}} = \frac{5}{5\sqrt{5}}$$
 $\frac{5 \times \sqrt{5}}{5\sqrt{5}} = \frac{5}{5\sqrt{5}}$ $\frac{2 \times 2 \times 2 \times 5}{2 \times 2 \sqrt{5}}$ $\frac{5 \times \sqrt{5} \times \sqrt{5}}{5\sqrt{5}} = \frac{5 \times \sqrt{5} \times \sqrt{5}}{5\sqrt{5}} = \frac{5 \times \sqrt{5} \times \sqrt{5}}{\sqrt{5} \times \sqrt{5}} = \frac{5 \times \sqrt{5}}{\sqrt{5}} = \frac{$

Q2. The digits in the unit place of the resulting number of expression

$$(234)^{100} + (234)^{101}$$
?
A. 6 B. 4 C. 2 D. 0

$$\Rightarrow (234)^{100} + (234)^{101}$$



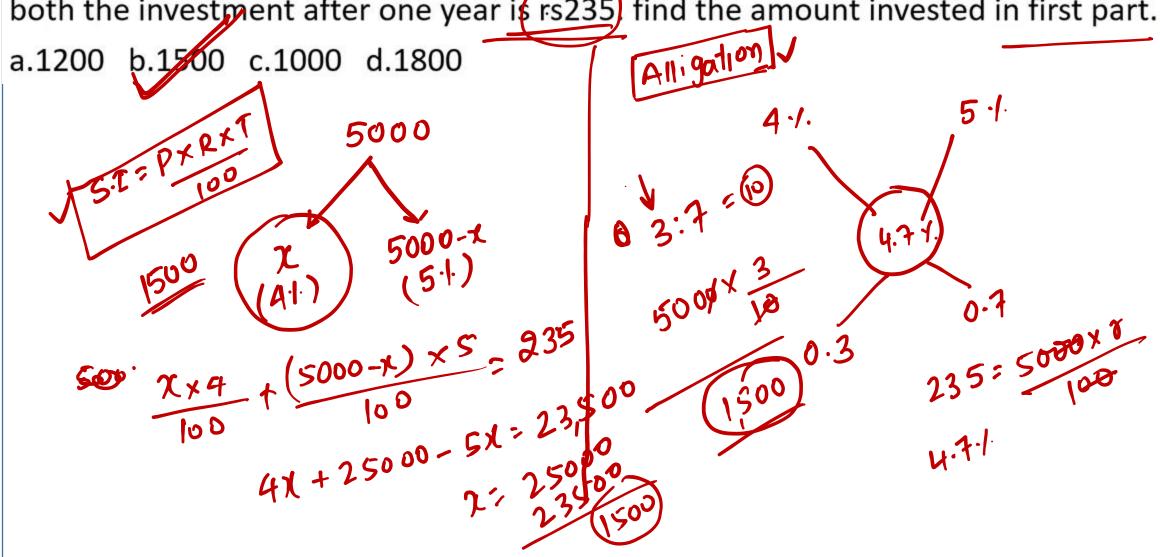
Q3. A man spends 75% of his income. His income is increased by 20% and he increased his expenditure by 10%. His savings are increased by .

a. 10% b. 25% c. 37.5% d. 50%

$$\frac{\text{Man Income}}{100} - \frac{\text{Exp}}{75} = \frac{\text{Saving}}{25} = \frac{5011}{100} = \frac{13.5}{100} = \frac{13.5}{125}$$

$$\frac{120}{120} - 82.5 = 37.5$$

Q4) A sum of Rs.5000 is divided into two parts such that the first part is invested at 4%p.a and the second part at 5% p.a simple interest. The total interest earned from both the investment after one year is rs235 find the amount invested in first part.



If a, b and c are the sum of the factors of the numbers 25, 36 and 48 respectively, then the value of (a + b) C is

- 19235
- 17864

$$\alpha = 25 = \{1,5,25\} = 1+5+25 = 31$$

$$0 = 25 = \{1,5,25,4 = 193,425 = 91 \}$$

$$0 = 36 = \{1,2,3,4,6,9,12,18,36\} = 91$$

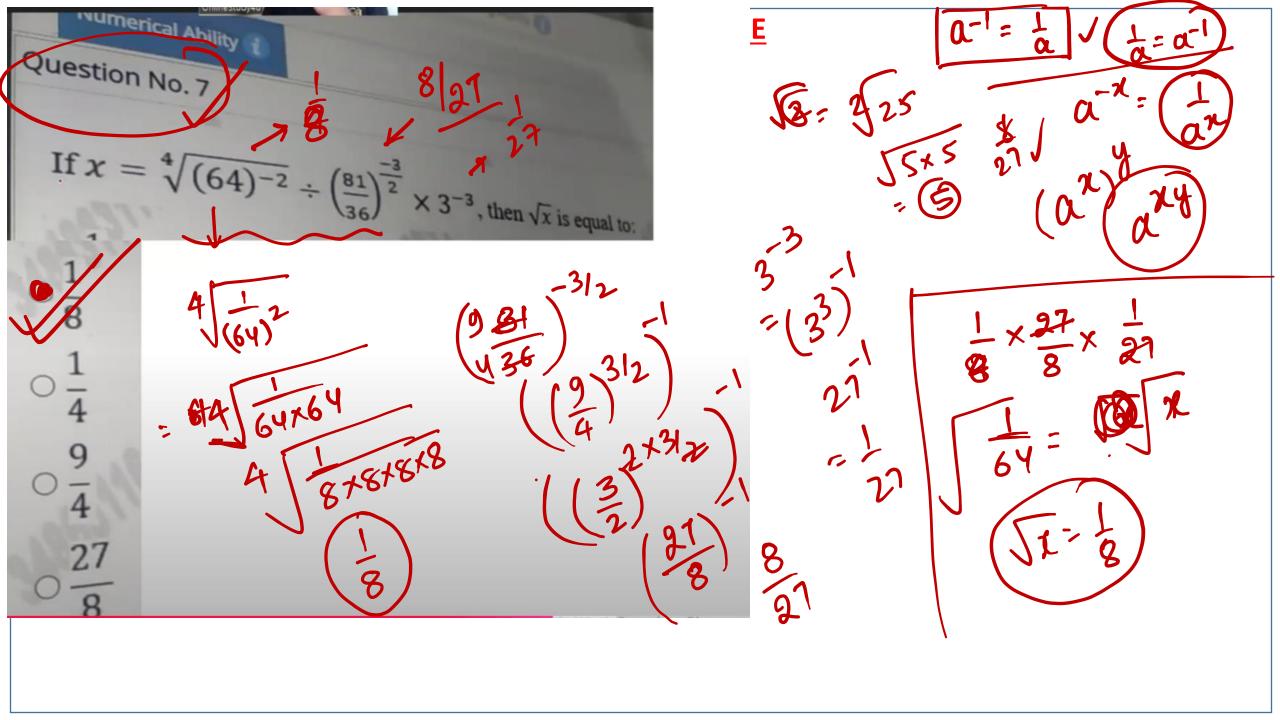
$$b = 36 = \{1,2,3,4,6,9,12,18,36\} = 124$$

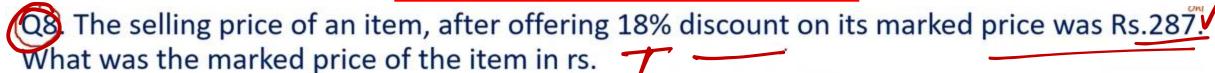
$$C = 48 = \{1,2,3,4,6,8,12,16,24,48\} = 124$$

If
$$2\frac{1}{4} \div \left\{1\frac{1}{4} - x\left(\frac{3}{4} \div \frac{2}{3}of\frac{9}{5}\right)\right\} = \frac{3}{20}$$
, then what is the value of x?

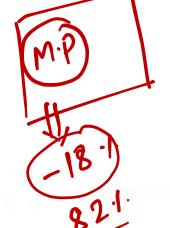
$$0 - 18$$

$$\frac{3}{9}$$
 $\frac{3}{4}$ $\frac{3}$





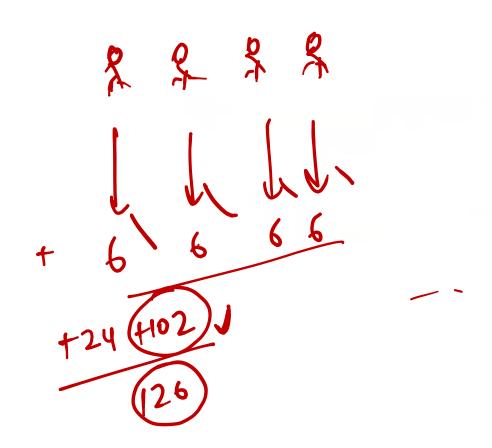
- a. 300
- b. 400
- c. /350
- d. 325

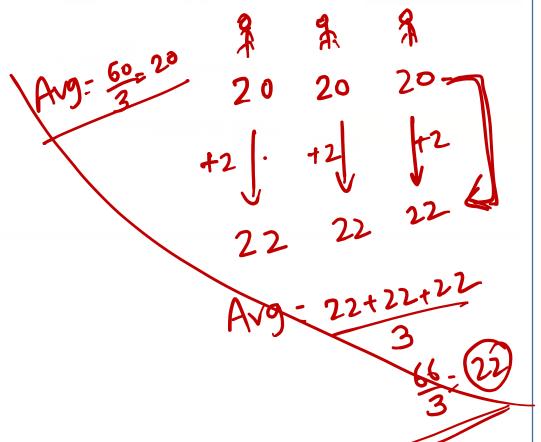


$$MP \times \frac{82}{100} = 287$$

Q9. The average weight of 4 men increases by 6kg when one man weighing 102kg is replaced by another man. What is the weight of the new man?

- o 176kg
- o 120kg
- o 128kg
- o 122kg





(29). The average cost of articles P,Q,R and S is 204, the average of P, Q is Rs.102 and the average of Q and R is Rs.132. If the cost of the article Q is the average of P and R. then the average cost of articles Q and S is ?.

$$Q = \frac{P + R}{2}$$

$$2\Delta = P+R$$