

Q.A) Subtract:

Solutions:

$$\begin{array}{r} \textcircled{3} \textcircled{10} \textcircled{5} \textcircled{16} \textcircled{12} \textcircled{11} \textcircled{8} \textcircled{10} \\ 40673190 \\ - 35296786 \\ \hline 0,53,76,404 \end{array}$$

$$\begin{array}{r} \textcircled{9} \textcircled{7} \textcircled{9} \textcircled{9} \textcircled{9} \textcircled{9} \textcircled{10} \\ 80000009 \\ - 43521864 \\ \hline 36478145 \end{array}$$

$$\begin{array}{r} \textcircled{11} \textcircled{8} \textcircled{11} \textcircled{12} \textcircled{9} \textcircled{10} \textcircled{14} \\ 659230142 \\ - 406752981 \\ \hline 25,24,77,161 \end{array}$$

Q.B. Find the difference between:

$$\begin{array}{r} \textcircled{6} \textcircled{17} \textcircled{15} \textcircled{8} \textcircled{9} \textcircled{13} \\ \textcircled{3} \textcircled{27} \textcircled{85} \textcircled{903} \\ - 589374 \\ \hline 21,96,529 \end{array}$$

$$\begin{array}{r} \textcircled{5} \textcircled{9} \textcircled{9} \textcircled{11} \textcircled{8} \textcircled{13} \textcircled{12} \textcircled{11} \\ \textcircled{5} \textcircled{600} \textcircled{19} \textcircled{431} \\ - 27326864 \\ \hline 32692567 \end{array}$$

$$\begin{array}{r} \textcircled{4} \textcircled{9} \textcircled{10} \textcircled{16} \textcircled{4} \textcircled{2} \textcircled{12} \\ \textcircled{7} \textcircled{7,50,16,532} \\ - 4,37,19,267 \\ \hline 3,12,97,265 \end{array}$$

Q.C. Fill in the blanks:

$$\begin{array}{r} \textcircled{6} \textcircled{12} \textcircled{4} \textcircled{14} \textcircled{8} \textcircled{16} \\ \textcircled{1} \textcircled{7} \textcircled{2} \textcircled{5} \textcircled{4} \textcircled{9} \textcircled{6} \textcircled{8} \\ - \textcircled{4} \textcircled{7} \textcircled{3} \textcircled{9} \textcircled{2} \textcircled{7} \textcircled{3} \\ \hline 2 \textcircled{5} 1 5 \textcircled{6} 9 5 \end{array}$$

$$\begin{array}{r} \textcircled{4} \textcircled{9} \textcircled{11} \textcircled{5} \textcircled{10} \\ \textcircled{2} \textcircled{5} \textcircled{0} + \textcircled{7} \textcircled{3} \textcircled{6} \textcircled{0} \\ - \textcircled{2} \textcircled{7} \textcircled{3} \textcircled{2} \textcircled{0} \textcircled{11} \textcircled{8} \\ \hline 2 2 8 5 \textcircled{3} 4 2 \end{array}$$

$$\begin{array}{r} \textcircled{5} \textcircled{14} \textcircled{11} \textcircled{14} \textcircled{11} \textcircled{11} \textcircled{8} \textcircled{17} \\ \textcircled{3} \textcircled{6} \textcircled{5} \textcircled{2} \textcircled{4} \textcircled{2} + \textcircled{9} \textcircled{7} \\ - 2 5 \textcircled{3} \textcircled{7} 1 \textcircled{5} \textcircled{6} 8 \\ \hline \textcircled{3} 9 8 \textcircled{7} 0 6 2 9 \end{array}$$

Word Problems:

Q.1. Solution:

a) Now the population of the town is = ^{(6) (13)} 48,57,346

b) Three years ago the population of the town was = 35,02,914
(-)

c) The increase in population during the last three years = 13,54,432 Ans

d) Hence, the increase in population during the last three years is 13,54,432.

Q.2. Solution:

a) No. of tubelights were produced by the factory in 2015 = ^{(2) (11) (11) (6) (10) (13)} 5,32,17,135

b) In 2016, the production decreased by = 2,51,941
(-)

c) No. of tubelights were produced by the factory in 2016 = 5,29,65,194 Ans

d) Hence, 5,29,65,194 tubelights were produced in 2016.

Q.3. Solution:

a) Population of the city = ^{(7) (9) (9) (9) (14) (14)} 25,00,054

b) No. of males in the city = 13,85,768
(-)

c) No. of females in the city = 11,14,286 Ans

d) Hence, the no. of females in the city is 11,14,286.

Q.4. Solution:

a) No. of students appeared for the Board Examination = ^{(8) (11) (11)} 38,75,921

b) No. of students passed = 25,30,785
(-)

c) No. of students failed = 13,45,136 Ans

d) Hence, 13,45,136 students were failed. Page No. 30

Q. 5. Solution: Step-I ①

| | | |
|-------------------------|---|------------|
| a) Amount spent on car | = | ₹ 1,75,341 |
| b) Amount spent on flat | = | ₹ 8,24,391 |
| | + | |
| c) Total amount spent | = | ₹ 9,99,732 |

Step-II

| | | | |
|--|---|-------------|-------------|
| d) Amount of money a businessman had in his bank account | = | ₹ 70,75,310 | ⑥⑨①⑥④①②①①①① |
| e) Total amount withdrawn | = | ₹ 9,99,732 | (-) |
| f) Amount of money is left in his bank account | = | ₹ 60,75,578 | Ans |
| g) Hence, ₹ 60,75,578 is left in his bank account. | | | |

Q. 6. Solution: Step-I ①①

| | | |
|---|-----|-------------|
| a) Number of men | = | 90,47,314 |
| b) Number of women | = | 84,35,784 |
| | (+) | |
| c) Total no. of men and women in the city | = | 1,74,83,098 |

Step-II

| | | | |
|--|---|-------------|-------------|
| d) Total population of the city | = | 2,09,32,714 | ①①⑧①②①②①①①④ |
| e) Total no. of men and women in the city | = | 1,74,83,098 | (-) |
| f) No. of children in the city | = | 34,49,616 | Ans |
| g) Hence, the number of children in the city is 34,49,616. | | | |

Q.7. Solution:

a) Quantity of wheat produced by the state last year = 47,59,03,176 kg

b) This year the production decreased by = 57,38,914 kg
(-)

c) The production of this year = 47,01,64,262 kg

d) Hence, the production of this year is 47,01,64,262 kg

Q.8. Solution:

a) Sum of two numbers = 5,13,72,510

b) One number = 35,19,472
(-)

c) The other number = 4,78,53,038

d) Ans: 4,78,53,038 must be added to 35,19,472 to get 5,13,72,510.

Q.9. Solution:

a) Sum of two numbers = 7,50,34,164

b) One number = 3,41,92,738
(-)

c) The other number = 4,08,41,426

d) Ans: 4,08,41,426 must be subtracted from 7,50,34,164 to get 3,41,92,738.

Q.10. Solution:

a) Greater number = 95,02,143

b) Smaller number = 81,47,321
(-)

c) Difference = 13,54,822

d) Hence, 95,02,143 is greater than 81,47,321 by 13,54,822 Ans.