

Worksheet 9

CH-4 Place value

1. (i) 7000

(ii) 700

(iii) 70

(iv) 7

2. (i) 6000

(ii) 8000

(iii) 5000

(iv) 3000

3. (i) 1

(ii) 6

4. (i) $500 + 5 = 505$

(ii) $50,000 + 5 = 50,005$

(iii) ~~55~~ $50 + 5 = 55$

(iv) $50,000 + 500 + 5 = 50,505$

(v) $50,000 + 5 = 50005$

(vi) $50,000 + 5,000 + 50 = 55,050$

(vii) $50000 + 5000 = 55000$

(viii) $50000 + 50 = 50050$

5. (a) 250000

6. $20 - 182 = 18$

7. (a) 100000

8. $3,000 - 5 = 2995$

9. (i) 500

(ii) 60

(iii) 500

10. ~~70~~ Value of 1st 7 = 70000, value of 2nd 7 = 70
Difference = 70000 - 70 = 69,930

11. 10,00,000

12. Greatest 5-digit no. = 99999

Previous Five in descending $\rightarrow 99,998 > 99997 > 99996 > 99995 > 99994$

13. Smallest 7 digit no. = 1000000

Next Five in ascending $\rightarrow 1000001 < 1000002 < 1000003 < 1000004$

14. 0

15. ~~90~~ Smallest 5 digit no. is 10000

Largest 5 digit no. is 99999

So,

$$\Rightarrow (Largest - Smallest) + 1 = \text{No. of numbers in all}$$

$$(99999 - 10000) + 1 = 89999 + 1 = 90000$$

16(i) 123678

• ~~111~~ 300001

• ~~111~~ 38,243

• 101

• 10035

• 359

(ii) 649

• 3666

• 80969

• 567934

• 3612

• 27

17. The place value of 7 is 700
Face value of 7 is 7

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$$\text{Difference is} = 700 - 7 = 693$$

18. (i) ~~1st~~ 1st 8 value = 8000

2nd 8 value = 8

$$\text{Difference} = 8000 - 8 = 7992$$

(ii) 1st 8 value = 80

2nd 8 value = 8

$$\text{Difference} = 80 - 8 = 72$$

(iii) 1st 8 value = 80000

2nd 8 value = 8000

$$\text{Difference} = 72000$$

(iv) 1st 8 value = 8000

2nd 8 value = 80

$$\text{Difference} = 7920$$

19. (i) 2 with ~~20000~~ with value 2000

(ii) 7 with value 700000

(iii) 9 with value 9000

(iv) 4 with value 4000

20. (i) 9 with value 9

(ii) 0 with value 0

(iii) 0 with value 0

(iv) 0 with value 0