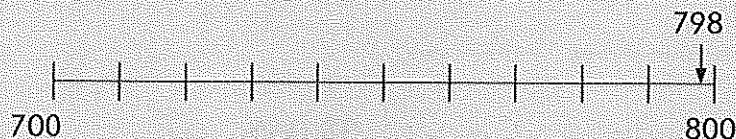


Unit 2: WHOLE NUMBERS (PART 2)

Examples:

1. Round 798 to the nearest hundred.



$$798 \approx \underline{800}$$

2. Estimate the value of $351 - 87$.

$$351 - 87 \approx 350 - 90 = \underline{260}$$

3. Estimate the value of $384 \div 8$.

$$384 \div 8 \approx 400 \div 8 = \underline{50}$$

4. Find all the factors of 40.

$$40 = 1 \times 40$$

$$40 = 2 \times 20$$

$$40 = 4 \times 10$$

$$40 = 5 \times 8$$

The factors of 40 are 1, 2, 4, 5, 8, 10, 20, and 40.

5. Find the first five multiples of 8.

8, 16, 24, 32, and 40

Round the following numbers to the nearest ten.

1. 771 \approx _____

6. 1,782 \approx _____

2. 848 \approx _____

7. 39,917 \approx _____

3. 661 \approx _____

8. 46,547 \approx _____

4. 296 \approx _____

9. 11,201 \approx _____

5. 1,087 \approx _____

10. 59,999 \approx _____

Round the following numbers to the nearest hundred.

11. 536 \approx _____

16. 89,544 \approx _____

12. 881 \approx _____

17. 23,891 \approx _____

13. 3,084 \approx _____

18. 12,057 \approx _____

14. 1,117 \approx _____

19. 61,272 \approx _____

15. 6,944 \approx _____

20. 74,808 \approx _____

Round the following numbers to the nearest ten and estimate their values.

21. $36 + 12 \approx$ _____

22. $672 + 48 \approx$ _____

23. $66 + 725 \approx$ _____

24. $932 - 19 \approx$ _____

25. $419 - 38 \approx$ _____

26. $519 - 21 \approx$ _____

Estimate the value.

27. $48 \times 8 \approx$ _____

28. $25 \times 7 \approx$ _____

29. $301 - 9 \approx$ _____

30. $697 - 88 \approx$ _____

31. $118 \div 4 \approx$ _____

32. $324 \div 5 \approx$ _____

33. $463 + 93 + 551 \approx$ _____

34. $876 + 121 + 43 \approx$ _____

Fill in each blank with the correct answer.

35. $12 =$ _____ \times _____

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The factors of 12 are _____, _____, _____, _____, _____, and _____.

36. $42 =$ _____ \times _____

$42 =$ _____ \times _____

$42 =$ _____ \times _____

$42 =$ _____ \times _____

The factors of 42 are _____, _____, _____, _____, _____, _____, _____, and _____.

37. $36 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$

$$36 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$$

$$36 = \frac{\text{ } \times \text{ }}$$

$$36 = \underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$$

$$36 = \frac{\quad}{\quad} \times \frac{\quad}{\quad}$$

The factors of 36 are _____, _____, _____, _____, _____, _____, _____, and _____.

38. (a) The factors of 8 are _____.

(b) The factors of 16 are _____.

(c) The common factors of 8 and 16 are _____.

39. (a) The factors of 14 are _____.

(b) The factors of 28 are _____.

(c) The common factors of 14 and 28 are _____.

40. (a) The factors of 9 are _____.

(b) The factors of 18 are _____.

(c) The common factors of 9 and 18 are _____.

41. The first four multiples of 5 are _____, _____, _____, and _____.

42. The first three multiples of 9 are _____, _____, and _____.

43. The third multiple of 6 is _____.

44. The seventh multiple of 5 is _____.

45. (a) The first six multiples of 2 are _____, _____, _____, _____, _____, and _____.

- (b) The first six multiples of 3 are _____, _____, _____, _____, _____, and _____.
- (c) The two common multiples of 2 and 3 are _____ and _____.
46. (a) The first six multiples of 4 are _____, _____, _____, _____, _____, and _____.
- (b) The first six multiples of 8 are _____, _____, _____, _____, _____, and _____.
- (c) The three common multiples of 4 and 8 are _____, _____, and _____.

Write your answers on the lines.

47. A train traveled 13,769 km from City A to City B. Then, it traveled another 25,325 km to City C. What was the estimated distance traveled by the train from City A to City C? Round each number to the nearest hundred and estimate the value.
- _____
48. A number, when added to 7,982, is 25,000. Round this number to the nearest ten.
- _____
49. There were 1,345 books left in a bookstore. If the shopkeeper had sold 7,609 books in the past month, how many books were in the bookstore at first? Round the answer to the nearest ten.
- _____
50. In a school, there are 1,124 students in the morning session. There are 259 more students in the afternoon session than in the morning session. How many students are in the school when rounded to the nearest hundred?
- _____

51. What is the smallest two-digit number that has only 4 factors?

52. 8 is a factor of number X. It is between 50 and 60. What is number X?

53. Number Y is a multiple of 8. It is between 20 and 30. It is also a factor of 48. What is number Y?

54. If 32 is the fourth multiple of a number, what is the number?

55. The two common multiples of 2 one-digit numbers are 14 and 28. If 1 is not the answer, what are the 2 one-digit numbers?
