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UNITS & TENS DIGITS



PROBLEM 1:



The tens digit of a number is twice the units digit. If the digits are reversed, the new number is 27 less than the original. Find the original number.

- A. 48
- B. 55
- C. 63
- D. 27

ANS:C



PROBLEM 2:



The tens digit of a certain number is 3 less than the units digit. The sum of the digits is 11.
What is the number?

- A. 47
- B. 74
- C. 7
- D. 57

ANS:A



PROBLEM 3:



The sum of the digits in a two-digit number is 12. If the digits are reversed, the number is 18 greater than the original number. What is the number?

- A. 7
- B. 57
- C. 43
- D. 75

ANS:B



PROBLEM 4:



The tens digit of a certain number is 5 more than the units digit. The sum of the digits is 9.
Find the number.

- A. 27
- B. 12
- C. 10
- D. 72

ANS:D



PROBLEM 5:



The tens digit of a two-digit number is twice the units digit. If the digits are reversed, the new number is 36 less than the original number. Find the number.

- A. 18
- B. 8
- C. 84
- D. 4

ANS:C



PROBLEM 6:



The sum of the digits of a two-digit number is 13. The units digit is 1 more than twice the tens digit. Find the number.

- A. 93
- B. 49
- C. 7
- D. 48

ANS:B



PROBLEM 7:



The sum of the digits of a three-digit number is 6. The hundreds digit is twice the units digit, and the tens digit equals the sum of the other two. Find the number.

- A. 81
- B. 123
- C. 231
- D. 141

ANS:C



PROBLEM 8:



The units digit is twice the tens digit. If the number is doubled, it will be 12 more than the reversed number. Find the number.

- A.** 28
- B.** 40
- C.** 48
- D.** 36

ANS:C



PROBLEM 9:



Eight times the sum of the digits of a certain two-digit number exceeds the number by 19. The tens digit is 3 more than the units digit. Find the number.

- A. 85
- B. 75
- C. 42
- D. 84

ANS: A



PROBLEM 10:



The ratio of the units digit to the tens digit of a two-digit number one-half. The tens digit is 2 more than the units digit. Find the number.

- A. 40
- B. 50
- C. 42
- D. 72

ANS:C



PROBLEM 11:



There is a two-digit number whose units digit is 6 less than the tens digit. Four times the tens digit plus five times the units digit equals 51. Find the digits.

- A. 12
- B. 91
- C. 93
- D. 19

ANS:C



PROBLEM 12:



The tens digit is 2 less than the units digit. If the digits are reversed, the sum of the reversed number and the original number is 154. Find the original number.

- A. 14
- B. 68
- C. 88
- D. 26

ANS: **B**



PROBLEM 13:



A three-digit number has a tens digit 2 greater than the units digit and a hundreds digit 1 greater than the tens digit. The sum of the tens and hundreds digits is three times the units digit. What is the number?

- A. 375
- B. 475
- C. 578
- D. 875

ANS:D



PROBLEM 14:



The sum of the digits of a two-digit number is 9. The value of the number is 12 times the tens digit. Find the number.

- A.** 60
- B.** 36
- C.** 50
- D.** 40

ANS:B



PROBLEM 15:



The sum of the digits of a two-digit number is 12. If 15 is added to the number, the result is 6 times the units digit. Find the number.

- A. 9
- B. 11
- C. 13
- D. 39

ANS:D



PROBLEM 16:



The sum of the digits of a two-digit number is 8. If the digits of the number are reversed, the new number is 18 less than the original number. Find the number.

- A. 43
- B. 53
- C. 65
- D. 84

ANS: B



PROBLEM 17:



The tens digit of a two-digit number is twice the units digit. If the digits are reversed, the new number is 36 less than the original number. Find the number.

- A. 32
- B. 88
- C. 84
- D. 72

ANS:C



PROBLEM 18:



The units digit of a two-digit number is 4 times the tens digit. If the digits are reversed, the new number is 54 more than the original number. Find the number.

- A. 28
- B. 82
- C. 37
- D. 88

ANS: B



PROBLEM 19:



The sum of the digits of a two-digit number is 11. If 27 is added to the number, the digits will be reversed. Find the number.

- A. 74**
- B. 57**
- C. 47**
- D. 45**

ANS:A



PROBLEM 20:



The units digit of a two-digit number is 1 less than 3 times the tens digit. If the digits are reversed, the new number is 45 more than the original number. Find the number.

- A. 30
- B. 83
- C. 40
- D. 38

ANS: B

