1. Go backwards: Wednesday, Tuesday, Monday (the answer).  
   A) Monday  B) Tuesday  C) Saturday  D) Sunday  
   Answer: A

2. \(2 + 12 + 22 = (1 + 1) + (11 + 1) + (21 + 1) = 1 + 11 + 21 + 3\).  
   A) 1  B) 2  C) 3  D) 4  
   Answer: C

3. My lunch costs me  
   \(10 \times 50 + 10 \times 10 = 500 + 100 = 600\) $1.50.  
   A) $1.10  B) $1.20  C) $1.50  D) $2  
   Answer: C

4. \((45 + 5) + (36 + 4) + (27 + 3) = 9 + 9 + 9 = 9 \times 3\).  
   A) 1  B) 3  C) 6  D) 12  
   Answer: B

5. Since \(27 \times 3 = 3 \times 27\), the correct answer is choice A.  
   A) 3  B) 9  C) 81  D) 243  
   Answer: A

6. \(6 + 12 + 18 + 24 + 30 = 6 + 24 + 12 + 18 + 30 = 30 + 30 + 30 = 90 = 6 \times 15\).  
   A) 10  B) 12  C) 13  D) 15  
   Answer: D

7. \(10 \times 10 = 1000 + 10\), so choice B is correct.  
   A) 100 + 10  B) 1000 + 10  C) 100 + 100  D) 1000 + 100  
   Answer: B

8. The product of 0 and any number is 0, so the product is 0.  
   A) 0  B) 100  C) 240  D) 12000  
   Answer: A

9. The rear wheel costs $4 more. Split the remaining $22$-$4 = $18 cost equally.  
   The front wheel costs half of $18 = $9.  
   A) 18  B) 13  C) 11  D) 9  
   Answer: D

10. Each time I go on both rides once, I need 5 tickets. To go on both rides 5 times, I will need 5 \times 5 = 25 tickets.  
    A) 5  B) 10  C) 25  D) 30  
    Answer: C

11. Since \(54320 + 54321 = 108641\), the sum has 6 digits.  
    A) 5  B) 6  C) 10  D) 11  
    Answer: B

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12. \(7 + (7 - 7) + (7 - 7) + 7 = 14\).  
    A) 0  B) 7  C) 14  D) 21  
    Answer: C

13. 300 minutes = 5 hours, so I'll travel \(5 \times 30 = 150\) km.  
    A) 10 km  B) 15 km  C) 100 km  D) 150 km  
    Answer: D

14. Juan is 20 years old now. In 20 years, his age will be 40.  
    A) 10  B) 20  C) 30  D) 40  
    Answer: D

15. The fish weighed 120 kg, which is 3 times as much as I weigh.  
    I weigh \((120 \div 3 = 40\) kg.  
    A) 30  B) 40  C) 60  D) 360  
    Answer: B

16. \((3 \times 3) \times (3 \times 3) \times (3 \times 3) = 9 \times 9 \times 9\).  
    A) 9 \times 9  B) 9 + 9  C) 9 \times 9 \times 9  D) 9 + 9 + 9  
    Answer: C

17. By definition, the only positive factors of a prime number are  
    itself and 1.  
    A) prime  B) odd  C) even  D) composite  
    Answer: A

18. Of 9, 70, 500, 3000, the largest is 3000.  
    A) 9 ones  B) 7 tens  C) 5 hundreds  D) 3 thousands  
    Answer: D

19. \((4 \times \text{length of one side}) + (\text{length of one side}) = 4\).  
    A) 1  B) 2  C) 4  D) 16  
    Answer: C

20. Try the choices. If Baby is 3, twice Baby's age is 6. Then, 3 times Baby's age 1 hour  
    ago = \(3 \times 2 = 6\), so they are equal.  
    A) 2  B) 3  C) 4  D) 6  
    Answer: B

21. \(9 + 9 = 1\), and 1 is not divisible by 9.  
    A) 9 - 9  B) 9 + 9  C) 9 \times 9  D) 9 + 9  
    Answer: D

22. There are 5 “twenties” with an even tens’ digit: 21, 23, 25, 27, 29.  
    There are also 5 “forties,” 5 “sixties,” and 5 “eighties,” 20 in all.  
    A) 20  B) 22  C) 23  D) 25  
    Answer: A
23. Divide 130 by 8. The quotient is 16 and the remainder is 2. My favorite number is 16. The sum of the digits of 16 is \(1 + 6 = 7\).
   A) 6  B) 7  C) 8  D) 9

24. There are 5, 6, 7, or 8 friends. Now divide $88.92 by each. The only division in which the remainder is 0 is $88.92 \div 6 = $14.82.
   A) $17.78  B) $14.82  C) $12.70  D) $11.12

25. Since 10 dimes = $1, then 250 dimes is 25 times as much, or $25. None of the other choices gives a whole number of dollars.
   A) dimes  B) nickels  C) pennies  D) quarters

26. If each of the numbers 2, 4, 8, and 16 is increased by 2, then there are 4 increases of 2, and the total increase is \(4 \times 2 = 8\).
   A) 2  B) 4  C) 8  D) 16

27. The letter L is formed by 2 line segments. Of the letters shown below, C is curved, F is formed by 3 line segments, H by 3 line segments, and V (the answer) by 2 line segments.
   A) C  B) F  C) H  D) V

28. Ballet Bear can do 72 pirouettes in 12 minutes. This is \(72 \div 12 = 6\) pirouettes each minute. In 3 minutes, Ballet Bear can do \(6 \times 3 = 18\) pirouettes.
   A) 6  B) 12  C) 18  D) 24

29. Since 4 is already a multiple of 2, the l.c.m. of 1, 2, 3, 4, 5 is \(3 \times 4 \times 5 = 60\).
   A) 720  B) 360  C) 120  D) 60

30. If the length of each side of a rectangle is a whole number, its perimeter = \(2l + 2w\) is divisible by 2, but not equal to 2.
   A) triangle  B) hexagon  C) pentagon  D) rectangle

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