Answer Column

1. $20 \times 0 \times 2 =$
   A) 0   B) 40   C) 400   D) 2002

   1.

2. What is 3 more than 5 more than 7?
   A) 8   B) 10   C) 12   D) 15

   2.

3. We toasted 8 dozen marshmallows at our camp-fire. How many marshmallows did we toast?
   A) 12   B) 20   C) 64   D) 96

   3.

4. $9 - 8 + 7 - 6 + 5 - 4 + 3 - 2 = 1 + \underline{?}$
   A) 3   B) 4   C) 5   D) 8

   4.

5. If I had 9¢ more, I'd have $1. How much money do I have?
   A) 90¢   B) 91¢   C) 99¢   D) $1.09

   5.

6. If a flowering plant blooms for exacty 3 months each year, that same plant does *not* bloom for exactly $\underline{?}$ months each year.
   A) 3   B) 6   C) 9   D) 12

   6.

7. $1 + 1 + 10 + 10 + 100 + 100 = 111 + \underline{?}$
   A) 89   B) 99   C) 111   D) 121

   7.

8. Standing under a pear tree were the following birds: 4 calling birds, 3 French hens, 2 turtle doves, and 1 partridge. How many birds were standing under the pear tree?
   A) 9   B) 10   C) 11   D) 24

   8.

9. I got my immunization shot 6 days after Tuesday. The day was
   A) Sat.   B) Sun.   C) Mon.   D) Wed.

   9.

10. The sum of four 5s is
    A) $4 + 5$ B) 4×5 C) 45   D) 5555

    10.

11. Which of the following products does *not* equal 12×12?
    A) 3×48 B) 4×36 C) 6×24 D) 8×16

    11.

Answer Column

12. What season is it two seasons before winter?
    A) winter   B) spring   C) autumn   D) summer

    12.

13. In 12 years, Ali will be twice as old as she is now. How old was Ali 4 years ago?
    A) 8   B) 16   C) 20   D) 28

    13.

14. $22 + 22 + 22 = 33 + 33 + 33 - \underline{?}$
    A) 11   B) 22   C) 33   D) 66

    14.

15. How many whole numbers less than 100 are 2-digit numbers?
    A) 88   B) 89   C) 90   D) 91

    15.

16. Of four coins I got from a local store, one was equal in value to the sum of the other three. The total value of all four coins was
    A) 20¢   B) 25¢   C) 40¢   D) 50¢

    16.

17. What is the remainder when $(12 + 24 + 37)$ is divided by 12?
    A) 0   B) 1   C) 5   D) 9

    17.

18. Of the 18 fish in my aquarium, twice as many have stripes as do not have stripes. How many of my fish have stripes?
    A) 6   B) 9   C) 12   D) 15

    18.

19. When $\underline{?}$ is divided by 99, the quotient is 11.
    A) 9   B) 88   C) 999   D) 1089

    19.

20. The sum of a whole number and 2 is *always* divisible by
    A) 0   B) 1   C) 2   D) 3

    20.

21. What time is it 11 hours and 11 minutes after 11:11 P.M.?
    A) 10:22 A.M.   B) 12 P.M.   C) 12 A.M.   D) 12:22 A.M.

    21.

22. If you write our alphabet alphabetically, how many letters do you write after the first vowel but before the last consonant?
    A) 23   B) 24   C) 25   D) 26

    22.

Answer Column

23. The number 246 858 642 is *not* divisible by

    A) 2   B) 4   C) 6   D) 9

    23.

24. What is the least possible difference between two whole numbers whose product is 124?

    A) 27   B) 31   C) 60   D) 123

    24.

25. At a charity car wash, each car wash cost the same amount. The total collected was $60. The cost of each car wash could *not* have been

    A) $9   B) $12   C) $30   D) 50¢

    25.

26. Without overlapping any two circles, I can fit at most _?_ circles with radius 2 inside a square with side-length 12.

    A) 6   B) 9   C) 12   D) 36

    26.

27. A delivery truck carries 8 cases. Each case contains 7 cartons. In each carton are 6 boxes. If each box contains 1 pie, exactly how many pies are in the 8 cases?

    A) 21   B) 62   C) 104   D) 336

    27.

28. If $2+4+6+ \ldots +48+50 = 650$, then $1+3+5+ \ldots +47+49 =$

    A) 599   B) 600   C) 625   D) 650

    28.

29. Twelve squares, each with side-length 2, are put together, without overlapping, to form a rectangle. What is the greatest possible perimeter of this rectangle?

    A) 28   B) 32   C) 52   D) 72

    29.

30. As the hour hand goes completely around the face of a circular clock one time, the minute hand goes completely around the face of the clock _?_ times.

    A) 12   B) 24   C) 60   D) 720

    30.

The end of the contest 4

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