Mathematics Pretest

Grade 5

Name: _____

Instructions:

- ☺ Read each problem carefully and choose the best answer among the four choices.
- ☺ Only ***one*** of the answers provided is the correct response.
- ☺ Be sure to answer ***ALL*** questions by placing the letter or answer of your choice in the boxes provided.

1. What is the place value position of the digit 8 in 187,300?

   a. Tens b. Thousands c. Tenths d. Ten Thousand

2. What is the value of the digit 5 in 6,345,008?

   a. 5,000 b. 50,000 c. 50 d. 500

3. Write 32,145 in expanded notation.
   a. 320+1,400+5
   b. 3,000+2+1,000+4+50
   c. 30,000 + 2,000 + 100 + 40 + 5
   d. 3+ 2+ 1+ 4+ 5

4. Write the standard form for: 60,000 + 4,000 + 100 + 90 +8.

   a. 64,198 b. 640,198 c. 604,198 d. 6,004,198

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5. Workout the patterns. Write the next three numbers for each.

   a. 1, 8, 15, 22, ____, ____, _____

   b. 89, 83, 77, 71, ____, ____, _____

6. Use the colours below to answer the questions. pink pink green blue red green green What fraction of the colours are green?
   a. 1 /4
   b. 1/ 3
   c. 3 /7
   d. 2 /7

7. Arrange these periods of time from the longest to the shortest.

Day	decade	hour	leap	year	minute
seconds	month	week	year		

I. _____ VI. _____

II. _____ VII. _____

III. _____ VIII. _____

IV. _____ IX. _____

V. _____ X. _____

9. How many minutes are there in: 1 1⁄2 hours

   a. 60 minutes
   b. 90 minutes
   c. 9 minutes
   d. 50 minutes

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10. Find the sum. 12,345 + 2,542=_____

a. 14,887 b. 15,435 c. 14,542 d. 15,887

11. Find the difference. 9 6 8, 5 6 3 - 474,442 _____

a. 732,121 b. 902,323 c. 879,074 d. 494,121

12. Which number correctly completes the multiplication sentence 23 x 15 =?

a. 345 b. 595 c. 1,023 d. 1,320

13. Find the quotient. 3145 ÷ 5 =?

a. 649 b. 629 c. 639 d. 659

14. 64 sweets are put in boxes that contain 8 sweets each. How many boxes are needed?

a. 72 b. 8 c. 56 d. 512

15. What do you call a polygon with four equal sides and four equal angles?

a. Triangle b. Trapezoid c. Rhombus d. Square

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16. Name the given angle.

a. Right angle
b. Acute angle
c. Straight angle
d. Obtuse angle

17. This year the mail boat sailed 85,604 miles. This is 17,342 miles more than last year. How many miles did it sail last year?

a. 71,342
b. 63,984
c. 68,262
d. 58,353

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