Math 210 - Dr. Miller - Homework #21: Place Value on the Ohio Achievement Exam

The following questions come directly from a fourth grade preparation for Ohio's version of the PSSA test. They are all multiple choice.

1. Which number is described?

   • The digit in the tens place is 3 times the digit in the hundreds place.
   • The digit in the hundreds place is greater than 2.
   • The digit in the ones place is a 7.

   (a) 137
   (b) 260
   (c) 397
   (d) 627

2. What is 28,423 decreased by 4,000?

   (a) 31,423
   (b) 28,823
   (c) 28,023
   (d) 24,423

3. What is five hundred thousand, two hundred thirty-four increased by twenty thousand?

   (a) 520,234
   (b) 502,234
   (c) 70,234
   (d) 25,234

4. What is the word form of the number that is 30,000 less than 945,000?

   (a) nine hundred thousand, fifteen
   (b) nine hundred fifteen thousand
   (c) ninety-one thousand, five
   (d) nine fifteen thousand

5. What is the value of the digit 4 in 345,306?

   (a) 400
   (b) 4,000
   (c) 40,000
   (d) 400,000

6. What is this number in standard form?

$$30,000,000 + 50,000 + 2,000 + 70 + 9$$

   (a) 30,520,079
   (b) 30,502,709
   (c) 30,207,279
   (d) 30,052,079

7. Which number is described?

 • Each digit in the ones period is 3.
 • Each digit in the thousands period is 2.
 • The digit in the millions place is two times the digit in the thousands place.

 (a) 7,222,333
 (b) 4,422,333
 (c) 4,222,333
 (d) 4,002,333

8. What is the value of the digit 8 in the number 18,137,226?

 (a) 800
 (b) 8,000
 (c) 800,000
 (d) 8,000,000

9. Akron has a population of 212,215. Which is not the value of a digit of 2 in 212,215?

 (a) 200,000
 (b) 20,000
 (c) 2,000
 (d) 200

10. Which shows the standard form of 900,000+20,000+6,000+80+1?

 (a) 902,681
 (b) 906,681
 (c) 920,681
 (d) 926,081

11. What is the value of the underlined digit of 6$\underline{3}$2, 901?

 (a) 300
 (b) 3,000
 (c) 30,000
 (d) 300,000

12. Which shows the expanded form of 841,309?

 (a) $80,000 + 4,000 + 300 + 9$
 (b) $800,000 + 4,000 + 30 + 9$
 (c) $800,000 + 40,000 + 1,000 + 30 + 9$
 (d) $800,000 + 40,000 + 1,000 + 300 + 9$

13. Which is the number 413,506 in words?

 (a) four hundred thirteen thousand, five hundred six
 (b) four hundred thirteen thousand, fifty-six
 (c) four hundred three thousand, five hundred six
 (d) four hundred thirteen thousand, five hundred twenty-six

1. c

2. d

3. a

4. b

5. c

6. d

7. c

8. d

9. b

10. d

11. c

12. d

13. a