

Name: _____

CHRISTMAS 2020

Mathematics Concepts of Numbers

INSTRUCTIONS FOR STUDENTS



You have **30 minutes** to complete this test.

Look at the directions and read them to yourself as I read them aloud.

Directions:

1. Read **all** questions carefully and follow the instructions.
2. Answer **all** questions.
3. Show working.
4. Write your answers clearly.
5. Continue working until you arrive at the stop page.
6. Do not spend too much time on any one question.
7. **CHECK** all answers carefully.
8. **NO CALCULATORS** are allowed to be used in this test.

You may begin working now.

CONCEPTS OF NUMBERS

(20 MARKS)

ROUGH WORK

1. Write the value of the underlined digit. (2 pts)

a. 8 475 211 - Ans. _____

b. 23 759 381 - Ans. _____

2. Name the place for the underlined digits. (2 pts)

c. 655 356: Ans. _____

d. 190 456 221: Ans. _____

3. Write the numbers below in the form indicated. (3 pts)

e. **twenty six thousand, four hundred sixteen**

Standard Form: _____

f. **7 000 000 + 500 000 + 40 000 + 3000 + 100 + 20 + 3**

Word Form: _____

g. **two million, three hundred seventy-six thousand,
seven hundred fifty six**

Expanded Form: _____

4. Compare these numbers using $<$, $>$, or $=$. (3 pts)

h. 345 922 34 592

i. 44 576 493 44 577 497

j. 456 197 203 456 197 203

5. Arrange these numbers in **ascending order**. (1 pt)

k. 2 647; 217 553; 23 667

Ans. _____

6. Arrange these numbers in **descending order**. (1 pt)

l. 2 735; 28 362; 532

Ans. _____

7. Finish the patterns below.

m. 21, 18, 15, 12, _____, _____ (2pt)

n. 1, 3, 6, 10, _____, _____ (2pts)

8. Round the numbers at the front of each row to the places specified. (4)

Number	Nearest 10	Nearest 100	Nearest 1000
4 163			4 000
627 352		627 400	