

GRADE 8 MATHEMATICS
NOVEMBER EXAMINATION PAPER 1

QUESTION 1

Choose and circle the correct answer.

1.1 The third multiple of $2\frac{1}{2}$ would be? (1)

- A $7\frac{1}{2}$
- B $6\frac{1}{2}$
- C $6\frac{3}{4}$
- D $7\frac{3}{4}$

1.2 87248,43 rounded off to the nearest tenth would be: (1)

- A 87250,00
- B 87248,50
- C 87248,40
- D 87248,00

1.3 Determine the following two terms in the sequence: -8; 8; -32; 24; _____; _____ (2)

- A 48; 96
- B -48; -96
- C -48; 96
- D 48; -96

1.4 Prime numbers that lie between 8 and 21: (2)

- A 9; 11; 13; 17; 19
- B 11; 13; 17; 19
- C 9; 11; 13; 17; 19
- D 11; 13; 15; 17; 19

1.5 $\sqrt{37^2 + 12}$ (1)

- A 37
- B 74
- C undefined
- D 1589

1.6 If $x = 2$, the value of $3x^2 - 4x$ would be: (1)

- A 28
- B 8
- C 20
- D 32

8 x 1 = 8

QUESTION 2

Write True or False:

2.1 18 out of 20 for a test would be 75%. _____

2.2 $3(3+2) = (3 \times 3) + (3 \times 2)$ _____

2.3 78432 is divisible by 4. _____

2.4 $\frac{38}{100}$ in decimal notation is 3,8. _____

2.5 $(x^3)^2 = x^6$ _____

5 x 1 = 5

QUESTION 3: WHOLE NUMBERS

3.1 Determine the MCF of 6, 8 and 12. _____

_____ (2)

3.2 Write down the multiples of 12 between 24 and 96. _____

_____ (2)

3.3 Write as a number: two million, one hundred and sixty-two thousand, three hundred seventy-two. _____ (2)

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