Name: _____ Date: _____

MATHEMATICS ASSESSMENT
Grade 6

SECTION A *Choose the correct answer.*

1. The first five counting numbers are
   (a) 0, 1, 2, 3, 4
   (b) 1, 2, 3, 4, 5
   © 1, 3, 5, 7, 9

2. The first six whole numbers are
   (a) 0, 1, 2, 3, 4, 5
   (b) 1, 2, 3, 4, 5, 6
   © 1, 3, 5, 7, 9, 11

3. What is the sum of the first seven prime numbers?
   (a) 50
   (b) 58
   © 59

4. Four odd numbers greater than 21 are
   (a) 22, 23, 24, 25
   (b) 19, 17, 15, 13
   © 23, 25, 27, 29

5. Five even numbers between 20 and 32 are
   (a) 22, 24, 26, 28, 30
   (b) 20, 22, 24, 26, 28
   © 21, 23, 25, 27, 29

6. Which of the following is a composite number?
   (a) 19
   (b) 30
   (c) 47

7. What are the prime factors of 18?
   (a) 6 and 3
   (b) 18 and 1
   (c) 2 and 3

8. The highest common factor (HCF) of 8, 16 and 20 is
   (a) 2
   (b) 4
   (c) 8

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9. The first six multiples of nine are
   (a) 1, 2, 3, 5, 7 and 9
   (b) 9, 18, 27, 36, 45 and 54
   (c) 9, 18, 25, 34, 43 and 52

10. The SMALLEST number of sweets that can be put into bags each holding 6, 8 OR 12 sweets is
   (a) 12
   (b) 24
   (c) 26

SECTION B *Say whether each statement is TRUE or FALSE.*

1. All prime numbers are odd numbers.
   TRUE FALSE

2. Even numbers end with 0, 2, 4, 6 or 8.
   TRUE FALSE

3. Composite numbers have three or more factors.
   TRUE FASLE

4. The first whole number is one.
   TRUE FALSE

5. A factor is a whole number that can divide into another number without a remainder.
   TRUE FALSE

SECTION C *Fill in the blanks.*

1. The factors of 36 are 1, 2, 3, 4, ____, ____, 12, 18 and 36.

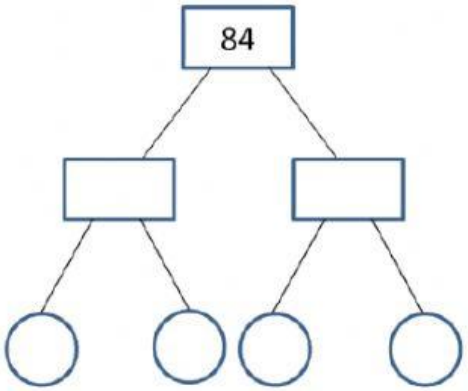
2. The first five multiples of eight is 8, 16, ____, 32 and 40.

3. Fifty four expressed as a product of its prime factors is 2 x ____ x ____ x 3

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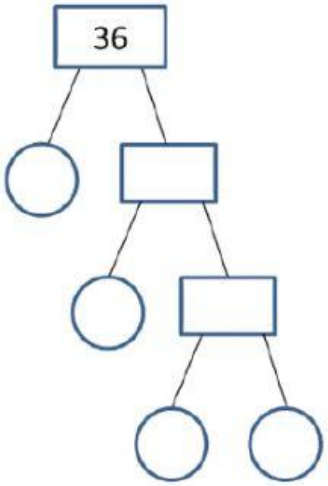
SECTION D *Complete the factor trees.*

1.



84 = ___ x ___ x ___ x ___

2.



36 = ___ x ___ x ___ x ___

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