Grade 5 Whole Number Revision

Question 1: Place value, value and face value

1.1   Write the number symbols for each of the following numbers:
   a.   Twenty units   = _____
   b.   Thirty tens   = _____
   c.   Sixty hundreds   = _____
   d.   Sixty thousands   = _____
   e.   Sixty ten thousands   = _____
   f.   Forty one tens   = _____
   g.   Forty one hundreds   = _____
   h.   Forty one ten thousands   = _____
   i.   Forty one hundred thousands   = _____

1.2   Write the following numbers in words:
   a.   30 003   _____
                  _____
   b.   61 264   _____
                  _____
   c.   452 060   _____
                  _____
   d.   119 671   _____
                  _____

1.3   In the number 756 436,
   a.   The value of the digit 4 is _____
   b.   The value of the digit 5 is _____
   c.   The face value of the digit 7 is _____
   d.   The face value of the digit 6 is _____
   e.   The place value of the 4 is _____
   f.   The place value of the 7 is_____

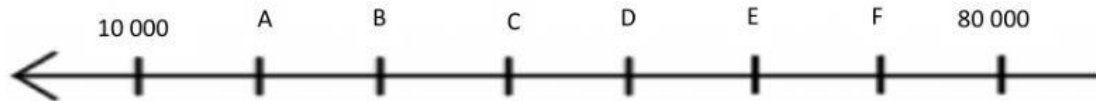**Question 2: Short form and Expanded notation:**

2.1   Write in short form.

   a. 5 x 10 000 + 4 x 1 000 + 7 x 100 + 3 x 10   = _____

   b. 12 x 10 000 + 5 x 1 000 + 3 x 10 + 2   = _____

   c. 4 x 10 x 10 x 100 + 6 x 10 x 10 x 10 + 2 x 10 x 10 + 7   = _____

2.2   Write in expanded notation.

   a. 251 550 =   _____

   a. 2 304 782 =   _____

Question 3: Patterns

3.1

10 000   A   B   C   D   E   F   80 000
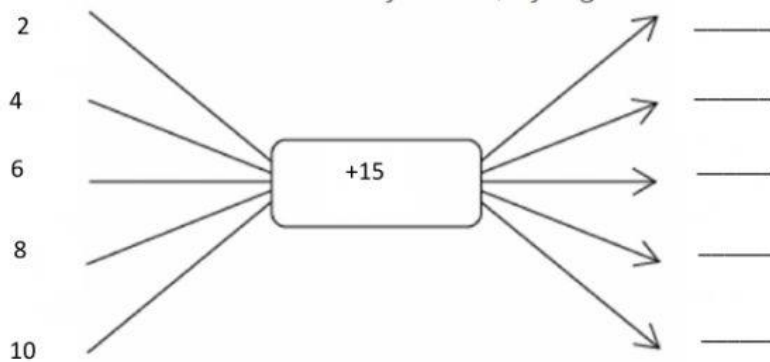
a. A represents the number _____

b. D represents the number _____

c. 26 232 lies between points _____ and _____ on the number line.

d. 43 766 lies between points _____ and _____ on the number line.

e. 60 208 lies between points _____ and _____ on the number line.

3.2   Complete the following flow diagrams.

2
4
6   +15
8
10

_____
_____
_____
_____
_____

3.3   Write down the next two whole numbers in each sequence:

a.   67 670; 67 770 ; 67 870; _____ ; _____

b.   42 830; 42 880; 42 930; _____ ; _____

c.   15 840; 15 865; 15 890; _____ ; _____

d.   59 732; 59 722; 59 712; _____ ; _____

Question 4: Estimation

Number	Nearest 10	Nearest 100	Nearest 1 000	Nearest 10 000
1 094				
787				
9 751				
12 623				
36 281				

Question 5: Addition and subtraction

5.1   Complete to 'break down' the given number in 5 different ways.

a.   46 548 =   40 000 + 6 000 + 500 + _____ + 8

       or   46 548 =   40 000 + 6 000 + 400 + _____ + 18

       or   46 548 =   40 000 + 5 000 + _____ + 40 + 8

       or   46 548 =   40 000 + 5 000 + 1 400 + _____ + 8

       or   46 548 =   39 000 + _____ + 500 + 30 + _____

5.2   Complete the following vertical sums. Then do an inverse operation to check your answer:

a.   38 475   _____

       21 534   _____

     + 13 526   _____

     _____   _____

b.   64 812   _____

     - 43 375   _____

     _____   _____

5.3   Complete the following word problems. Remember your 3 step rule.

a.   The population of a large town consists of 23 572 men, 25 845 woman and 34 560 children.
       What is the total population of the town?

       Step 1: _____ ___ _____ ___ _____ = ☐

       Step 2: _____

                   _____

       ____   _____

       ____   _____

       Step 3: _____

b.   When Taylor bought his second-hand car, the odometer reading was 54 342km. Two years
       later the reading was 75 489km. How many kilometres did Taylor travel during the two
       years?

       Step 1: _____ ___ _____ = ☐

       Step 2: _____

       ____   _____

       ____   _____

       Step 3: _____