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# Topic by Topic Mathematics Level 1 / Grade 3

Answer Key

Vidya Maharaj  
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## **Assessment 1**

- 1) 21, 22, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38, 39, 42, 43, 45, 46, 47, 48, 49, 50, 63, 64, 65, 66, 68, 69, 70, 71, 72, 90, 91, 92, 94, 95, 96, 97, 98, 99
- 2) a) 30, 32  
b) 42, 38, 32
- 3) 36
- 4) 58, 63, 89, 78
- 5) Fifteen, twenty, thirty-four, forty-six, fifty-three, sixty-seven, seventy-eight, ninety-three, ninety-nine.
- 6) 2, 5
- 7) 7 tens, 8 ones
- 8) 78
- 9) 18, 48, 68, 86
- 10) 87, 57, 61
- 11) 32, 65, 77, 92, 79
- 12) 63, 67, 76, 96  
37, 67, 75, 97
- 13) No,  $30 + 8 = 38$ .  
 $83 = (8 \times 10) + (3 \times 1)$

## **Assessment 2**

- 1) 49, 44, 46
- 2) 38, 40  
55, 57  
78, 80  
89, 91
- 3) 6, 8
- 4) 30, 8  
50, 5  
70, 4  
80, 9
- 5) 40, 30  
60, 50  
80, 70  
80, 90
- 6)
- 7) 29
- 8) 5, 13, 15, 17, 21, 31, 53, 61, 77, 89, 97
- 9) No = 38 is an even number because it can be divided into 2 without any remainders.
- 10) B, H, M
- 11) 5 Tens, 4 ones  
More than  
More than
- 12) 12, 14, 16, 18, 20, 24, 46, 58, 72, 86, 90
- 13) 52
- 14) 7 tens 8 ones

9 tens 4 ones

15) 67

### **Assessment 3**

- 1) C because there are 6 apples on both sides making it balance/equal.
- 2)  $\neq$
- 3)  $\neq$
- 4)  $>$ ,  $<$ ,  $>$ ,  $<$
- 5)  $=$ ,  $<$ ,  $=$ ,  $<$
- 6)  $=$ ,  $\neq$ ,  $=$ ,  $\neq$
- 7) 7 marbles
- 8) False, false, true, false, true, false, false
- 9) Greater, less, greater, greater
- 10) 13, 7, 13, 13, 10, 5, 7

### **Assessment 4**

- 1) Square, Rectangle, triangle, circle
- 2) Sphere, Cylinder, Square Based Pyramid
- 3)
- 4) Both are cuboids
- 5) Cuboid – 12 edges, 6 faces, 8 vertices.
- 6) Square Based Pyramid
- 7)
- 8) Cylinder, cube, Square Based Pyramid
- 9) 21
- 10) 30
- 11) 3, 1, pyramid

### **Assessment 5**

- 1) Square, triangle  
Circle, Circle
- 2) Circle, Circle, Circle, Circle, Square
- 3) AAA BB, ABCD ABCD, ABABABAB
- 4)
- 5) Heart and Smiley face.
- 6) B
- 7) Triangle, circle, circle, circle, triangle, circle, circle, circle, circle.
- 8) Triangle, cross circle, triangle, cross circle, triangle
- 9) Triangle, triangle, triangle.
- 10)
- 11)
- 12) 12-increase by 2, 16-counting in 4s, 35-increase by 3, 30-counting in 5s
- 13) Repeating, non – repeating, repeating
- 14) 6 triangles

- 15) Add three fishes
- 16) 7, 5  
2, 4, 6, 2, 4, 6  
16, 28, 36
- 17) A BBB, A BBB, BBBA, BBBA
- 18)

## **Assessment 6**

- 1) 22, 22, 33, 5, 9, 7
- 2) 3, 8, 8, 15, 4, 15
- 3) 22, 19, 20, 30
- 4) 7, 13, 7, 7, 7, 7
- 5) 4, 3, 16, 6, 15
- 6) 16, 36, 29, 39
- 7) <, >, >, <, <, <, <, <
- 8) 9, 7, 8, 12, 31
- 9) 3, 5, 4, 11, 7, 12, 16, 17
- 10) 20, 27, 33, 39, 51, 62, 82, 92
- 11) True, true, true, true, true, true, false, false, true

## **Assessment 7**

- 1) 14, 20, 6, 9
- 2) 15, 28, 78, 58
- 3) 22, 15, 55, 63
- 4) 9 sweets
- 5) 24 flowers
- 6) 12 pieces are blue
- 7) 5 groups
- 8) 20 legs
- 9) 9 cupcakes
- 10) 6 oranges
- 11) 6 sheep
- 12) 12 sandwiches
- 13) 22 biscuits
- 14) 8 hats
- 15) 11 pies

## **Assessment 8**

- 1) 29 crayons
- 2) 6 red pens
- 3) 9 sweets
- 4) 41 persons
- 5) 19 eggs
- 6) 9 heaps

- 7) 35 donuts
- 8) 54 buttons
- 9) 25 cats
- 10) 32 cupcakes

## **Assessment 9**

- 1) 32 friends
- 2) 6 dolls
- 3) 22 toy blocks
- 4) 9 heaps
- 5) 6 boats
- 6) 17, 27, 39, 49, 78  
40, 53, 63, 71, 84  
59, 77, 88, 98, 99  
90, 82, 82, 90, 80
- 7) 9, 9, 16, 18, 19  
51, 62, 73, 98, 85
- 8) 32, 23, 62, 81, 92  
26, 33, 54, 77, 87  
35, 34, 46, 33, 52  
27, 26, 63, 28, 27
- 9) 28, 46, 36, 69, 84  
30, 54, 58, 72, 84  
87, 52, 60, 65, 70
- 10) 8, 6, 5, 6, 9

## **Assessment 10**

- 1) 10 ¢  
15 ¢  
20 ¢  
25 ¢  
35 ¢  
50 ¢  
100 ¢  
100 ¢
- 2) 85 ¢ / \$0.85
- 3) 25 ¢, 25 ¢, 25 ¢, 10 ¢, 10 ¢, 5 ¢
- 4) 25 ¢, 25 ¢, 25 ¢, 10 ¢, 10 ¢, 5 ¢
- 5) \$1.00 + \$1.00 + \$1.00 + \$1.00 + \$1.00  
\$5.00 + \$5.00  
\$5.00 + \$5.00 + \$5.00 + \$5.00  
\$10.00 + \$5.00 + \$5.00  
\$20.00 + \$20.00 + \$10.00  
\$20.00 + \$20.00 + \$20.00 + \$20.00 + \$20.00

- 6) \$17.00
- 7) 13 cents
- 8) \$48.00
- 9) \$24.00
- 10) \$58.00
- 11) \$40.00
- 12) \$7.00
- 13) \$45.00
- 14) \$15.00

## **Assessment 11**

- 1) –
- 2) –
- 3) –
- 4) 5, 3
- 5) 2
- 6) 4
- 7) Long
  - Longer
  - Longest
- 8) –
- 9) –
- 10) 2, 1, 3
- 11) –
- 12) –
- 13) –
- 14) –
- 15) –
- 16) –
- 17) –
- 18) Tall
  - Taller
  - Tallest
- 19) 1,2,3
- 20) –

## **Assessment 12**

- 1) –
- 2) –
- 3) –
- 4) –
- 5) Heavy
  - Heavier
  - Heaviest

- 7) 2, 5, 4, 1, 3
- 8) Light  
Lighter  
Lightest
- 10) 1,2,3
- 11) 1,3,2
- 12) –
- 13) 8 eggs
- 14) More
- 15) A
- 16) Unequal – boy is heavier
- 17) 3 mangoes
- 18) >, >, =

### **Assessment 13**

- 1) Full
- 2) –
- 3) B
- 4) 4
- 5) 1, 3, 2
- 6) 5
- 7) –
- 8) C, A, B
- 9) –
- 10) –
- 11) 3, 2, 1
- 12) A

### **Assessment 14**

- 1) –
- 2) –
- 3) 10:00
- 4) Airplane
- 5) 2 hours
- 6) 2 o' clock
- 7) –
- 8) –
- 9) –
- 10) a) 5 weeks  
b) December  
c) 5  
d) 16<sup>th</sup>  
e) 20<sup>th</sup> Jan

12<sup>th</sup> January

## **Assessment 15**

- 1) a) 12  
b) 7  
c) Pigs and goats  
d) 68 animals  
e) Hens
- 2) –
- 3) –
- 4) a) Means of transportation  
b) Car  
c) Walk, bicycle  
d)
- 5) a) 20 cats  
b) 16 cats  
c) Karissa  
d) Shane  
e) Lystra
- 6) a) 40  
b) 5  
c) Friday  
d) Wednesday  
e) 70
- 7) a) 6  
b) Soca and Chutney  
c) Calypso  
d) 6  
e)
- 8) a) 24 pupils  
b) 8  
c) 8  
d) 2  
e) mint chocolate