

Titan Genius Kidz National Arithmetic Championship – 3

Sub-Junior (4th & 5th Standard)

Key Answers

(1) B - 24

(2) D - Can't say

(3) Square D = 49 sq units, Square E = 1 sq unit

(4) 6 chairs

(5) 45 meters (22m + 23m)

(6) B - 7 squares (56 / 8)

(7) A – 193 cms

(8) \$ 90

(9) \$ 8190

(10) 42 and 43 (42+43=85)

(11) 6009

(12) Softball

(13) D – The number of eggs produced in May was less than in March

(14) B - 14

(15) 9 tables and 12 stools

(16) 28 bags each

(17) B – 100% of 27

(18) A – $0.47 < 74 < 87.4$

(19) 255 (Twice the previous number + 1 is the next number)

(20) $x = 2$ or 9 (898,352 or 898,359)

(21) C – neither; they are equal

(22) 0

(23) 500

(24) 0

(25) 11097

(26) 10000

(27) 77000

(28) 500

(29) 130

(30) 88

(31) 105

(32) 2

(33) 101

(34) 49

(35) 262962

(36) 21 ($[(5-2)*(5+2)] = 3*7=21$)

(37) 5 ($10/2=5$; $20/4=5$; $60/12=5$; $40/8=5$)

(38) 592 (Four times the previous number, previous number + 4, Four times the previous number, previous number + 4. Solution $8*4=32$, $32+4=36$; $36*4=144$, $144+4=148$; $148*4=592$, $592+4=596$)

(39) 408 (Twice the number + previous number i.e, $1*2+0=2$; $2*2+1=5$;
 $5*2+2=12$; $12*2+5=29$, $29*2+12=70$, $70*2+29=169$, $169*2+70=408$)

(40)

In	14	<u>7</u>	6	13	<u>16</u>	<u>102</u>	<u>20</u>	<u>77</u>	82
Out	<u>9</u>	2	1	<u>8</u>	11	97	15	72	<u>77</u>