

Titan Genius Kidz National Arithmetic Championship – 4

Senior (8th, 9th & 10th Standard)

Key Answers

- (1) 64 stamps
- (2) $6/14$ or $3/7$
- (3) D = 3 hours 40 minutes
- (4) Ritvik should ask for a daily allowance
- (5) A = 84 yards
- (6) C = 90 minutes
- (7) 125 pounds
- (8) 3 metres
- (9) Triangle = 4; Rectangle = 5; Circle = 3
- (10) 57-1: Chaitra = 45,000 gallons
57-2: Jagjith = 60,000 gallons
57-3: Ajay Singh = 56,250 gallons
57-4: Vani = 45,000 gallons
57-5: Dilip = 78,750 gallons
- (11) 38 faces
- (12) D = 225
- (13) B = 7m by 1m
- (14) Octagonal Prism: 16 balls of clay
- (15) B = 37
- (16) A = 6

(17) Orange = 10 dogs, yellow = 8, green = 8, red = 6, blue = 7, purple = 9

(18) 1570 cm sq

(19) A = 16 ; B = 14

(20) 15 lines

(21)	Oranges	Apples	Peaches
Basket	Yes	~	~
Steel bowl	~	~	Yes
Plastic bowl	~	Yes	~

(22) Biggest = Red box ; Smallest = White box

(23) 4 & 2 respectively

(24) 0.097, 0.709, 0.79, 0.907, 0.97

(25) a)



b) 140 dots

(26) C = 7 slices

(27)



[12 + 1 = 11 + 2 = 10 + 3 = 9 + 4 = 8 + 5 = 7 + 6 = 13]

(28) $A = 21/4$ or 5.25 ; $B = 1$

(29) 60

(30) Circle = 30; Square = 40; Triangle = 35

(31) 4 questions

(32) Boats = 7; Students = 62

(33) Side of the bigger square = 17 cm
Side of the smaller square = 7 cm

(34) 2 students

(35) 8,88,88,88,889