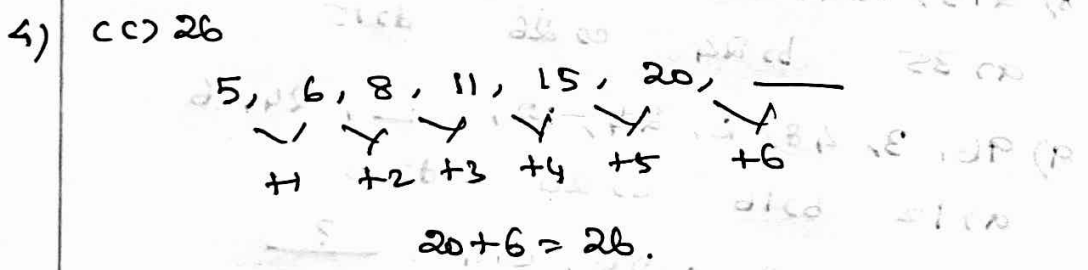
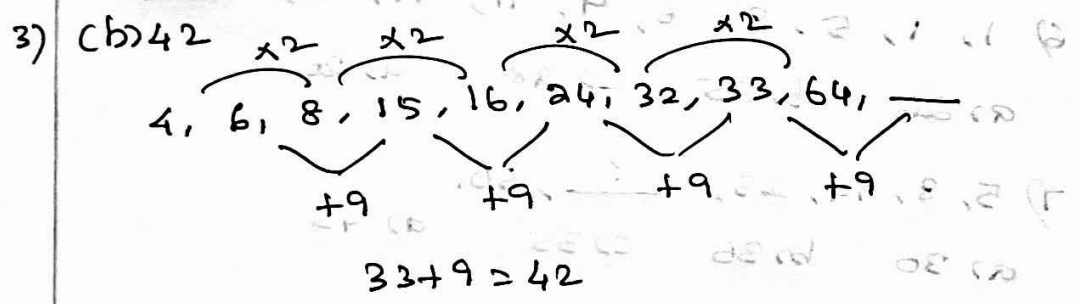
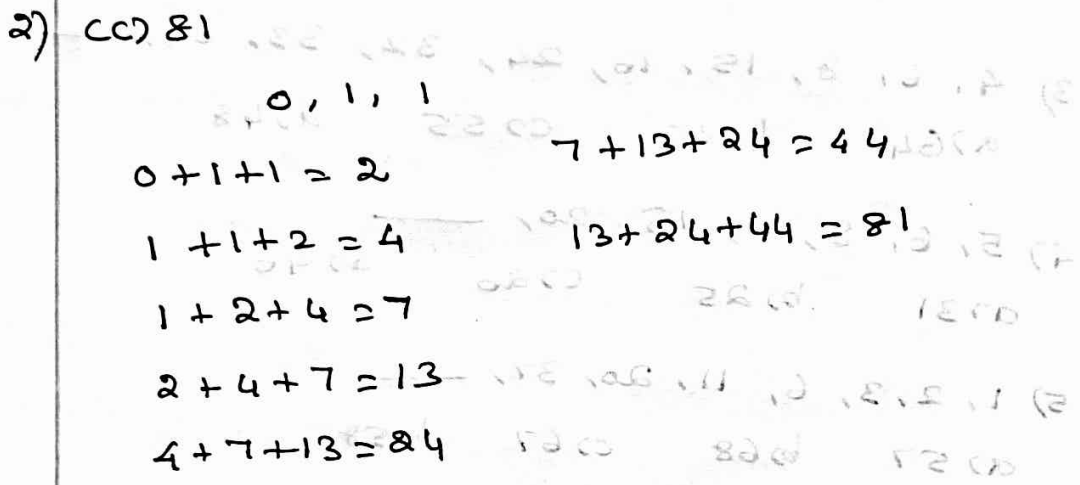
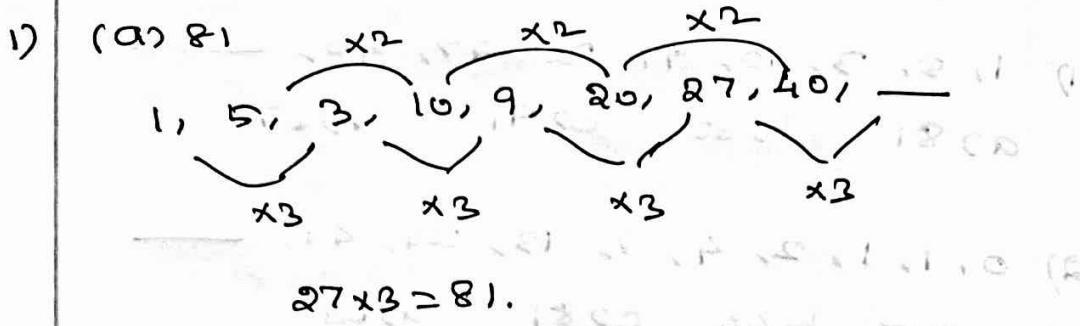


NUMBER SERIES - 03

- 1) 1, 5, 3, 10, 9, 20, 27, 40, _____
a) 81 b) 80 c) 91 d) 67
- 2) 0, 1, 1, 2, 4, 7, 13, 24, 44, _____
a) 75 b) 64 c) 81 d) 68
- 3) 4, 6, 8, 15, 16, 24, 32, 33, 64, _____
a) 64 b) 42 c) 55 d) 48
- 4) 5, 6, 8, 11, 15, 20, _____
a) 31 b) 25 c) 26 d) 46
- 5) 1, 2, 3, 6, 11, 20, 37, _____
a) 57 b) 68 c) 67 d) 58
- 6) 1, 1, 5, 8, 6, 9, 11, 17, 17, _____
a) 26 b) 25 c) 28 d) 20
- 7) 5, 8, 14, 23, _____, 50.
a) 30 b) 36 c) 35 d) 43
- 8) 215, 124, 63, _____, 7, 0
a) 35 b) 24 c) 26 d) 15
- 9) 96, 3, 48, 6, 24, 12, _____, 24, 6
a) 12 b) 16 c) 20 d) 10
- 10) 0.04, 0.09, 0.25, 0.49, _____
a) 0.081 b) 0.121 c) 0.0121 d) 0.81

ANSWER KEY



5) (b) 68

1, 2, 3

$$1+2+3 = 6 \qquad 6+11+20 = 37$$

$$2+3+6 = 11 \qquad 11+20+37 = 68.$$

$$3+6+11 = 20$$

6) (a) 26

1, 1, 5, 8, 6, 9, 11, 17, 17

1+5, 5+6, 6+11, 1+8, 8+9, 9+17

$$1+8 = 9 \qquad 9+17 = 26$$

$$8+9 = 17$$

7) (c) 35

5, 8, 14, 23, 50

+3, +6, +9, +12, +15

$$23+12 = 35$$

$$35+15 = 50. \qquad ? = 35.$$

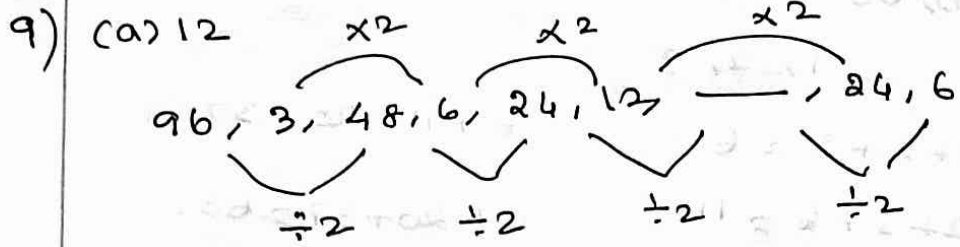
8) (c) 26

$$6^3 - 1 = 216 - 1 = 215 \qquad 2^3 - 1 = 8 - 1 = 7$$

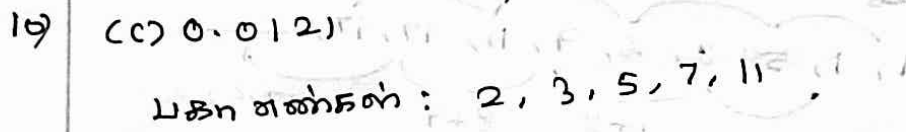
$$5^3 - 1 = 125 - 1 = 124 \qquad 1^3 - 1 = 1 - 1 = 0.$$

$$4^3 - 1 = 64 - 1 = 63 \qquad ? = 26.$$

$$3^3 - 1 = 27 - 1 = 26$$



? = $\frac{24}{2} = 12$; $\frac{12}{2} = 6$.



$0.2^2 = 0.2 \times 0.2 = 0.04$

$0.3^2 = 0.3 \times 0.3 = 0.09$

$0.5^2 = 0.5 \times 0.5 = 0.25$

$0.7^2 = 0.7 \times 0.7 = 0.49$

$0.11^2 = 0.11 \times 0.11 = 0.0121$