

●●● EXERCISE 16C ●●●

Complete the following patterns :

1. $1 \times 9 - 1 = 08$

$21 \times 9 - 1 = 188$

$321 \times 9 - 1 = 2888$

$4321 \times 9 - 1 = 38888$

$54321 \times 9 - 1 = 488888$

$654321 \times 9 - 1 = 5888888$

$7654321 \times 9 - 1 = 68888888$

3. $5 \times 5 = 25$

$55 \times 5 = 275$

$555 \times 5 = 2775$

$5555 \times 5 = 27775$

$55555 \times 5 = 277775$

$555555 \times 5 = 2777775$

$5555555 \times 5 = 27777775$

5. $1 \times 1 = 1$

$11 \times 11 = 121$

$111 \times 111 = 12321$

$1111 \times 1111 = 1234321$

$11111 \times 11111 = 123454321$

$111111 \times 111111 = 12345654321$

7. $1 + 2 + 3 + 4 = 10$

$2 + 3 + 4 + 5 = 14$

$3 + 4 + 5 + 6 = 18$

$4 + 5 + 6 + 7 = 22$

$5 + 6 + 7 + 8 = 26$

$6 + 7 + 8 + 9 = 30$

$7 + 8 + 9 + 10 = 34$

2. $(11 - 2) + 9 = 1$

$(111 - 3) + 9 = 12$

$(1111 - 4) + 9 = 123$

$(11111 - 5) \div 9 = 1234$

$(111111 - 6) \div 9 = 12345$

$(1111111 - 7) \div 9 = 123456$

4. $(2 \times 2) - (1 \times 1) = 3$

$(3 \times 3) - (2 \times 2) = 5$

$(4 \times 4) - (3 \times 3) = 7$

$(5 \times 5) - (4 \times 4) = 9$

$(6 \times 6) - (5 \times 5) = 11$

$(7 \times 7) - (6 \times 6) = 13$

$(8 \times 8) - (7 \times 7) = 15$

6. $3 \times 37 = 111$

$6 \times 37 = 222$

$9 \times 37 = 333$

$12 \times 37 = 444$

$15 \times 37 = 555$

$18 \times 37 = 666$

8. $1 \times 8 + 1 = 9$

$12 \times 8 + 2 = 98$

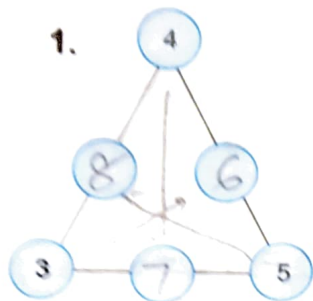
$123 \times 8 + 3 = 987$

$1234 \times 8 + 4 = 9876$

$12345 \times 8 + 5 = 98765$

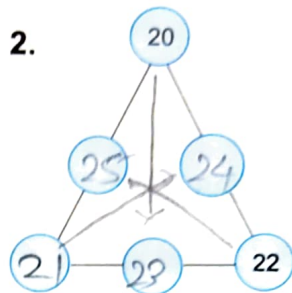
REVIEW EXERCISE

A. Complete the following magic triangles :



Use numbers
from 3 to 8

Magic No. 15



Use numbers
from 20 to 25

Magic
No. 66

B. Complete the following magic squares :

1.

21	26	25
28	24	20
23	22	27

Use nos.
from
20 to 28

Magic No.
 $24 \times 3 = 72$

2.

14	9	10
7	11	15
12	13	8

Use nos. from
7 to 15

Magic No.
 $11 \times 3 = 33$

C. Complete the following patterns :

$$1 + 9 \times 0 = 1$$

$$2 + 9 \times 1 = 11$$

$$3 + 9 \times 12 = 111$$

$$4 + 9 \times 123 = 1111$$

$$5 + 9 \times \underline{1234} = 11111$$

$$6 \underline{\quad} + 9 \times \underline{12345} = \underline{111111}$$

$$7 + 9 \times \underline{123456} = \underline{1111111}$$