

Exercise 12.4



Q. 1. Study the pattern and complete.

$$(a) 1 \times 11 = 11$$

$$11 \times 11 = 121$$

$$111 \times 11 = 1221$$

$$1111 \times 11 = \underline{12221}$$

$$11111 \times 11 = \underline{122221}$$

$$(c) 7 \times 9 = 63$$

$$77 \times 99 = 7623$$

$$777 \times 999 = 776223$$

$$7777 \times 9999 = 77762223$$

$$\underline{77777} \times \underline{99999} = \underline{7777622223}$$

$$\underline{777777} \times \underline{999999} = \underline{777776222223}$$

$$(b) 3 \times 37037 = 111111$$

$$6 \times 37037 = 222222$$

$$9 \times 37037 = \underline{333333}$$

$$12 \times 37037 = \underline{444444}$$

$$15 \times 37037 = \underline{555555}$$

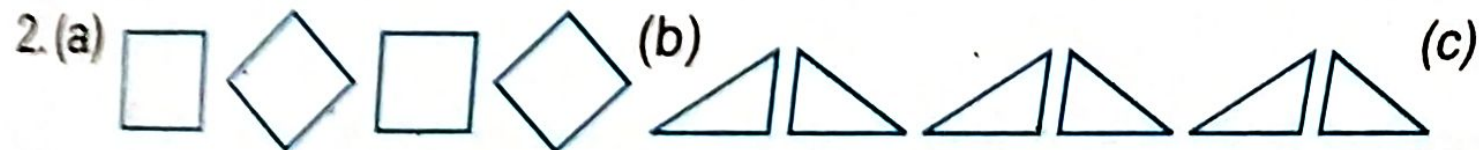
$$(d) 1 + 3 = 4$$

$$1 + 3 + 5 = 9$$

$$1 + 3 + 5 + 7 = 16$$

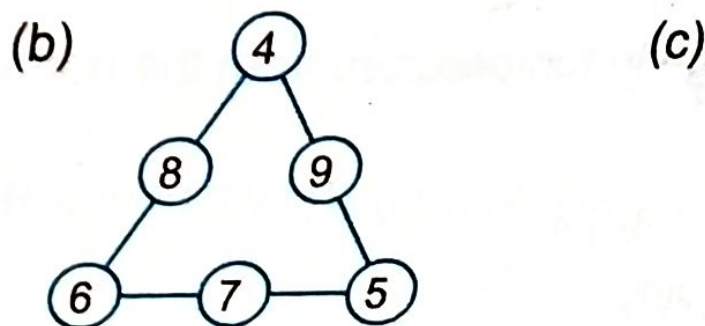
$$\underline{1 + 3 + 5 + 7 + 9} = \underline{25}$$

$$\underline{1 + 3 + 5 + 7 + 11} = \underline{36}$$



3. (a)

9	14	13
16	12	8
11	10	15




4	9	8
11	7	3
6	5	10

Q. 4. Write the rule and fill in the missing numbers.

(a) 0.001 $.01$ $.1$ 10 100

(b) $3\frac{1}{2}$ $3\frac{1}{4}$ 3 $2\frac{3}{4}$ $2\frac{1}{2}$ $2\frac{1}{4}$

(c) 14 28 46 68 94 124

(d) 6 11 21 36 56 81 111