

Natural Numbers & Whole numbers

EX-5F

1 (i) $1234 \times 9 + 4 = 11110$

$12345 \times 9 + 5 = 111110$

$123456 \times 9 + 6 = 1111110$

(ii) $9876 \times 9 + 4 = 88888$

$98765 \times 9 + 3 = 888888$

$987654 \times 9 + 2 = 8888888$

(iii) $1234 \times 8 + 4 = 9876$

$12345 \times 8 + 5 = 98765$

$123456 \times 8 + 6 = 987654$

(iv) $444 \div 12 = 37$

$555 \div 15 = 37$

$666 \div 18 = 37$

2

6	7	2
1	5	9
8	3	4

4	9	8
11	7	3
6	5	10

16	2	12
6	10	14
8	18	4

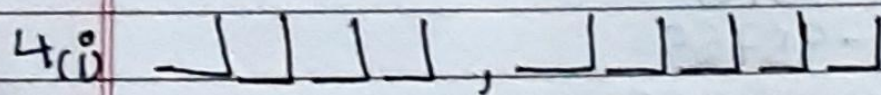
(9) $\frac{1}{7} \quad \frac{2}{10} \quad \frac{3}{13} \quad \frac{4}{16}$

$3n+4$

(ii) (i) $15 \times 3 + 4 = 49$ matchstick

(ii) (ii) $40 \times 3 + 4 = 124$ matchstick

(iii) The number of matchbox (S) is equal to 4 more than three times the figure



(ii) $\begin{array}{ccccc} 1 & 2 & 3 & 4 & 5 \\ 2 & 4 & 6 & 8 & 10 \end{array}$

(iii) $N = 2 \times L$

(iv) (1) $12 \times 2 = 24$

(2) $20 \times 2 = 40$

5(i)a $\frac{1}{5} \quad \frac{2}{8} \quad \frac{3}{11} = \cancel{n = F \times 3 + 2}$
 $F = n \times 3 + 1$

(i) $16 \times 3 + 2 = 50$
 $30 \times 3 + 2 = 62$

(i)b $\frac{1}{5} \quad \frac{2}{9} \quad \frac{3}{13} = \cancel{n = F \times 4 + 1}$
 $F = N \times 4 + 1$

(ii) $30 \times 4 + 1 = 121$
 $16 \times 4 + 1 = 65$ $\cancel{F = n \times 5 + 1}$

(i)c $\frac{1}{8} \quad \frac{2}{13} \quad \frac{3}{18} = F = n \times 5 + 1$

(ii) $16 \times 5 + 3 = 83$
 $30 \times 5 + 8 = 153$

(i)d $\frac{1}{6} \quad \frac{2}{11} \quad \frac{3}{16} = F = n \times 5 + 1$

(ii) $30 \times 5 + 1 = 151$
 $16 \times 5 + 1 = 81$

$$i(e) \quad \begin{array}{ccc} 1 & 2 & 3 \\ 5 & 9 & 13 \end{array} = F = n \times 4 + 1$$

$$ii) \quad \begin{array}{l} 30 \times 4 + 1 = 121 \\ 16 \times 4 + 1 = 65 \end{array}$$

$$i(f) \quad \begin{array}{ccc} 1 & 2 & 3 \\ 2 & 6 & 10 \end{array} = F = n \times 4 - 2$$

~~$$30 \times 4 + 1$$~~

$$30 \times 4 - 2 = 118$$

$$16 \times 4 - 2 = 62$$