ST. ANDREWS SCOTS SCHOOL

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(Session 2025-26)

Subject: Mathematics **Class: III** **Ch- 4 (Multiplication)**

Questions to be done:

Warm up (Pg- 51)
Practice time (Pg-60) book

Ex1- Book

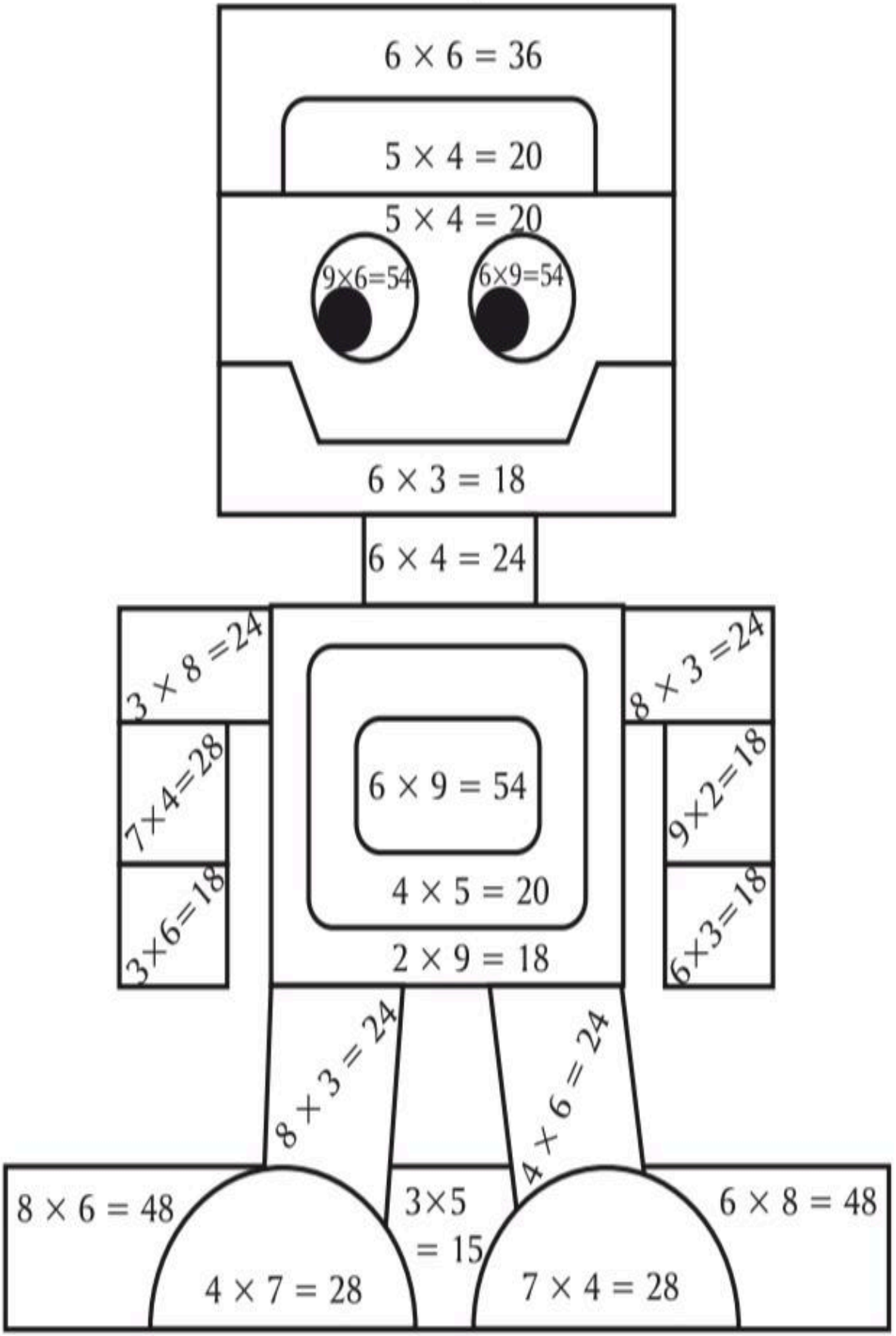
Ex2- Q.1 (a,d,g,f,i) Notebook
Q.2 (a,c,e,g) Notebook

Ex3- Q.1 (a,b,f) Notebook
Q.2 (b,c,e) Notebook
Q.3 (b,c,d) Notebook

Ex4- Q-1, 3, 4, 6, 7 Notebook

Ex5- Q-1, 3 Notebook

Warm Up


6 × 6 = 36
5 × 4 = 20
5 × 4 = 20
9×6=54
6×9=54
6 × 3 = 18
6 × 4 = 24
3 × 8 =24
8 × 3 =24
6 × 9 = 54
4 × 5 = 20
2 × 9 = 18
7×4=28
3×6=18
9×2=18
6×3=18
8 × 3 = 24
4 × 6 = 24
8 × 6 = 48
4 × 7 = 28
3×5
= 15
7 × 4 = 28
6 × 8 = 48

Exercise-1

1. (a) $342 \times 2 = 684$ (b) $234 \times 2 = 468$ (c) $112 \times 4 = 448$

(d) $433 \times 2 = 866$ (e) $202 \times 3 = 606$ (f) $111 \times 8 = 888$

2. (a) $2311 \times 2 = 4622$ (b) $1310 \times 3 = 3930$ (c) $1221 \times 4 = 4884$

(d) $3231 \times 3 = 9693$ (e) $2013 \times 2 = 4026$ (f) $3114 \times 2 = 6228$

Exercise-2

1. **(a)**
$$\begin{array}{r} ③② \\ 1\ 7\ 7 \\ \times\ 4 \\ \hline 7\ 0\ 8 \\ \hline \end{array}$$

(b)
$$\begin{array}{r} ①①③ \\ 2\ 2\ 5 \\ \times\ 6 \\ \hline 1\ 3\ 5\ 0 \\ \hline \end{array}$$

(c)
$$\begin{array}{r} ①② \\ 3\ 1\ 5 \\ \times\ 5 \\ \hline 1\ 5\ 7\ 5 \\ \hline \end{array}$$

(d)
$$\begin{array}{r} ④②③ \\ 9\ 4\ 7 \\ \times\ 5 \\ \hline 4\ 7\ 3\ 5 \\ \hline \end{array}$$

(e)
$$\begin{array}{r} ③②② \\ 8\ 6\ 5 \\ \times\ 4 \\ \hline 3\ 4\ 6\ 0 \\ \hline \end{array}$$

(f)
$$\begin{array}{r} ⑦②④ \\ 9\ 3\ 5 \\ \times\ 8 \\ \hline 7\ 4\ 8\ 0 \\ \hline \end{array}$$

(g)
$$\begin{array}{r} ③⑤② \\ 5\ 9\ 4 \\ \times\ 6 \\ \hline 3\ 5\ 6\ 4 \\ \hline \end{array}$$

(h)
$$\begin{array}{r} ①① \\ 6\ 5\ 2 \\ \times\ 3 \\ \hline 1\ 9\ 5\ 6 \\ \hline \end{array}$$

(i)
$$\begin{array}{r} ④⑧⑧ \\ 4\ 9\ 9 \\ \times\ 9 \\ \hline 4\ 4\ 9\ 1 \\ \hline \end{array}$$

2. **(a)**
$$\begin{array}{r} ② \\ 1\ 0\ 1\ 5 \\ \times\ 5 \\ \hline 5\ 0\ 7\ 5 \\ \hline \end{array}$$

(b)
$$\begin{array}{r} ②④ \\ 1\ 1\ 3\ 8 \\ \times\ 6 \\ \hline 6\ 8\ 2\ 8 \\ \hline \end{array}$$

(c)
$$\begin{array}{r} ③③ \\ 1\ 9\ 8\ 1 \\ \times\ 4 \\ \hline 7\ 9\ 2\ 4 \\ \hline \end{array}$$

(d)
$$\begin{array}{r} ① \\ 4\ 6\ 1\ 2 \\ \times\ 2 \\ \hline 9\ 2\ 2\ 4 \\ \hline \end{array}$$

(e)
$$\begin{array}{r} ① \\ 2\ 5\ 1\ 3 \\ \times\ 3 \\ \hline 7\ 5\ 3\ 9 \\ \hline \end{array}$$

(f)
$$\begin{array}{r} ① \\ 3\ 0\ 1\ 5 \\ \times\ 2 \\ \hline 6\ 0\ 3\ 0 \\ \hline \end{array}$$

(g)
$$\begin{array}{r} ①①① \\ 1\ 3\ 2\ 3 \\ \times\ 6 \\ \hline 7\ 9\ 3\ 8 \\ \hline \end{array}$$

(h)
$$\begin{array}{r} ①① \\ 2\ 6\ 4\ 3 \\ \times\ 3 \\ \hline 7\ 9\ 2\ 9 \\ \hline \end{array}$$

(i)
$$\begin{array}{r} ①② \\ 2\ 0\ 4\ 5 \\ \times\ 4 \\ \hline 8\ 1\ 8\ 0 \\ \hline \end{array}$$

Exercise-3

1. **(a)**

$$\begin{array}{r} 42 \\ \times 12 \\ \hline 84 \\ +420 \\ \hline 504 \end{array}$$

(b)

$$\begin{array}{r} 23 \\ \times 23 \\ \hline 69 \\ +460 \\ \hline 529 \end{array}$$

(c)

$$\begin{array}{r} 22 \\ \times 11 \\ \hline 22 \\ +220 \\ \hline 242 \end{array}$$

(d)

$$\begin{array}{r} 34 \\ \times 13 \\ \hline 102 \\ +340 \\ \hline 442 \end{array}$$

(e)

$$\begin{array}{r} 25 \\ \times 16 \\ \hline 150 \\ +250 \\ \hline 400 \end{array}$$

(f)

$$\begin{array}{r} 49 \\ \times 19 \\ \hline 441 \\ +490 \\ \hline 931 \end{array}$$

2. **(a)**

$$\begin{array}{r} 84 \\ \times 15 \\ \hline 420 \\ +840 \\ \hline 1260 \end{array}$$

(b)

$$\begin{array}{r} 49 \\ \times 25 \\ \hline 245 \\ +980 \\ \hline 1225 \end{array}$$

(c)

$$\begin{array}{r} 78 \\ \times 33 \\ \hline 234 \\ +2340 \\ \hline 2574 \end{array}$$

(d)

$$\begin{array}{r} 55 \\ \times 48 \\ \hline 440 \\ +2200 \\ \hline 2640 \end{array}$$

(e)

$$\begin{array}{r} 68 \\ \times 52 \\ \hline 136 \\ +3400 \\ \hline 3536 \end{array}$$

(f)

$$\begin{array}{r} 73 \\ \times 24 \\ \hline 292 \\ +1460 \\ \hline 1752 \end{array}$$

3. **(a)**

$$\begin{array}{r} 234 \\ \times 15 \\ \hline 1170 \\ +2340 \\ \hline 3510 \end{array}$$

(b)

$$\begin{array}{r} 325 \\ \times 29 \\ \hline 2925 \\ +6500 \\ \hline 9425 \end{array}$$

(c)

$$\begin{array}{r} 278 \\ \times 31 \\ \hline 278 \\ +8340 \\ \hline 8618 \end{array}$$

(d)

$$\begin{array}{r} 455 \\ \times 18 \\ \hline 3640 \\ +4550 \\ \hline 8190 \end{array}$$

(e)

$$\begin{array}{r} 618 \\ \times 12 \\ \hline 1236 \\ +6180 \\ \hline 7416 \end{array}$$

(f)

$$\begin{array}{r} 703 \\ \times 14 \\ \hline 2812 \\ +7030 \\ \hline 9842 \end{array}$$

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Practice Time

1. **(a)** 0 **(b)** 1 **(c)** 57 **(d)** 0 **(e)** 457 **(f)** 9

2. **(a)** $3 \times 10 = 30$ **(b)** $10 \times 27 = 270$

(c) $40 \times 4 = 4 \times 10 \times 4 = 4 \times 4 \times 10 = 16 \times 10 = 160$

(d) $12 \times 80 = 12 \times 8 \times 10 = 96 \times 10 = 960$

(e) $8 \times 1000 = 8000$ **(f)** $100 \times 61 = 6100$

Exercise-4

1. Price of one shirt = ₹ 295

Total price of 32 shirts = ₹ 295 × 32 = ₹ 9440

So, Roy will get ₹ 9440.

$$\begin{array}{r} 295 \\ \times\ 32 \\ \hline 590 \\ +\ 8850 \\ \hline 9440 \end{array}$$

2. Number of books in a cupboard = 1055

Total number of books in 8 cupboards = 1055 × 8

= 8440

So, total number of books in the library is 8440.

$$\begin{array}{r} {\scriptstyle (4)(4)} \\ 1055 \\ \times\ 8 \\ \hline 8440 \end{array}$$

3. Number of pages in a newspaper = 28

Total number of pages in 45 newspapers = 45 × 28

= 1260

So, Raj has 1260 pages.

$$\begin{array}{r} 45 \\ \times\ 28 \\ \hline 360 \\ +\ 900 \\ \hline 1260 \end{array}$$

4. Cost of 1 dozen guavas = ₹ 96

∴ Cost of 15 dozen guavas = ₹ 96 × 15

= ₹ 1440

So, Mamta will pay ₹ 1440 to the shopkeeper.

$$\begin{array}{r} 96 \\ \times\ 15 \\ \hline 480 \\ +\ 960 \\ \hline 1440 \end{array}$$

5. Quantity of rice in a bag = 32 kg

Total quantity of rice in 256 bags = 256 × 32 kg

= 8192 kg

So, the total weight of rice in the truck is 8192 kg.

$$\begin{array}{r} 256 \\ \times\ 32 \\ \hline 512 \\ +\ 7680 \\ \hline 8192 \end{array}$$

6. Number of chocolates in a box = 48

∴ Number of chocolates in 36 boxes = 48 × 36

= 1728

So, there are 1728 chocolates in 36 boxes.

$$\begin{array}{r} 48 \\ \times\ 36 \\ \hline 288 \\ +\ 1440 \\ \hline 1728 \end{array}$$

7. The price of one notebook = ₹ 28

∴ The price of 2 dozen (= 24) notebooks = ₹ 28 × 24

= ₹ 672

So, the shopkeeper will make ₹ 672.

$$\begin{array}{r} 28 \\ \times\ 24 \\ \hline 112 \\ +\ 560 \\ \hline 672 \end{array}$$

8. Number of stickers pasted on one page = 35

∴ Number of stickers pasted on 15 pages

= 35 × 15 = 525

So, Sujata pasted 525 stickers in all.

$$\begin{array}{r} 35 \\ \times\ 15 \\ \hline 175 \\ +\ 350 \\ \hline 525 \end{array}$$

9. Number of desks in one classroom = 24

∴ Total number of desks in 18 classrooms = 24 × 18

= 432

So, the total number of desks is 432.

$$\begin{array}{r} 24 \\ \times\ 18 \\ \hline 192 \\ +\ 240 \\ \hline 432 \end{array}$$

10. Number of balls in a box = 145

∴ Number of balls in 65 boxes = 145 × 65 = 9425

So, there will be 9425 balls in 65 boxes.

$$\begin{array}{r} 145 \\ \times\ 65 \\ \hline 725 \\ +\ 8700 \\ \hline 9425 \end{array}$$

Exercise-5

1. 35 is rounded off to the nearest tens as 40.

Estimated product

$$\begin{array}{r} 40 \\ \times\ 8 \\ \hline 320 \end{array}$$

Actual product

$$\begin{array}{r} \overset{②}{3}\overset{④}{5} \\ \times\ 8 \\ \hline 280 \end{array}$$

2. 48 is rounded off to the nearest tens as 50.

Estimated product

$$\begin{array}{r} 50 \\ \times\ 6 \\ \hline 300 \end{array}$$

Actual product

$$\begin{array}{r} \overset{②}{4}\overset{④}{8} \\ \times\ 6 \\ \hline 288 \end{array}$$

3. 52 is rounded off to the nearest tens as 50.

Estimated product

$$\begin{array}{r} 50 \\ \times\ 7 \\ \hline 350 \end{array}$$

Actual product

$$\begin{array}{r} \overset{③}{5}\overset{①}{2} \\ \times\ 7 \\ \hline 364 \end{array}$$

4. 73 is rounded off to the nearest tens as 70.

Estimated product

$$\begin{array}{r} 70 \\ \times\ 9 \\ \hline 630 \end{array}$$

Actual product

$$\begin{array}{r} \overset{⑥}{7}\overset{②}{3} \\ \times\ 9 \\ \hline 657 \end{array}$$