St. Andrews Scots Sr. Sec. School

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Session: 2025-2026

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

Questions to be done:

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

Ex1- Book

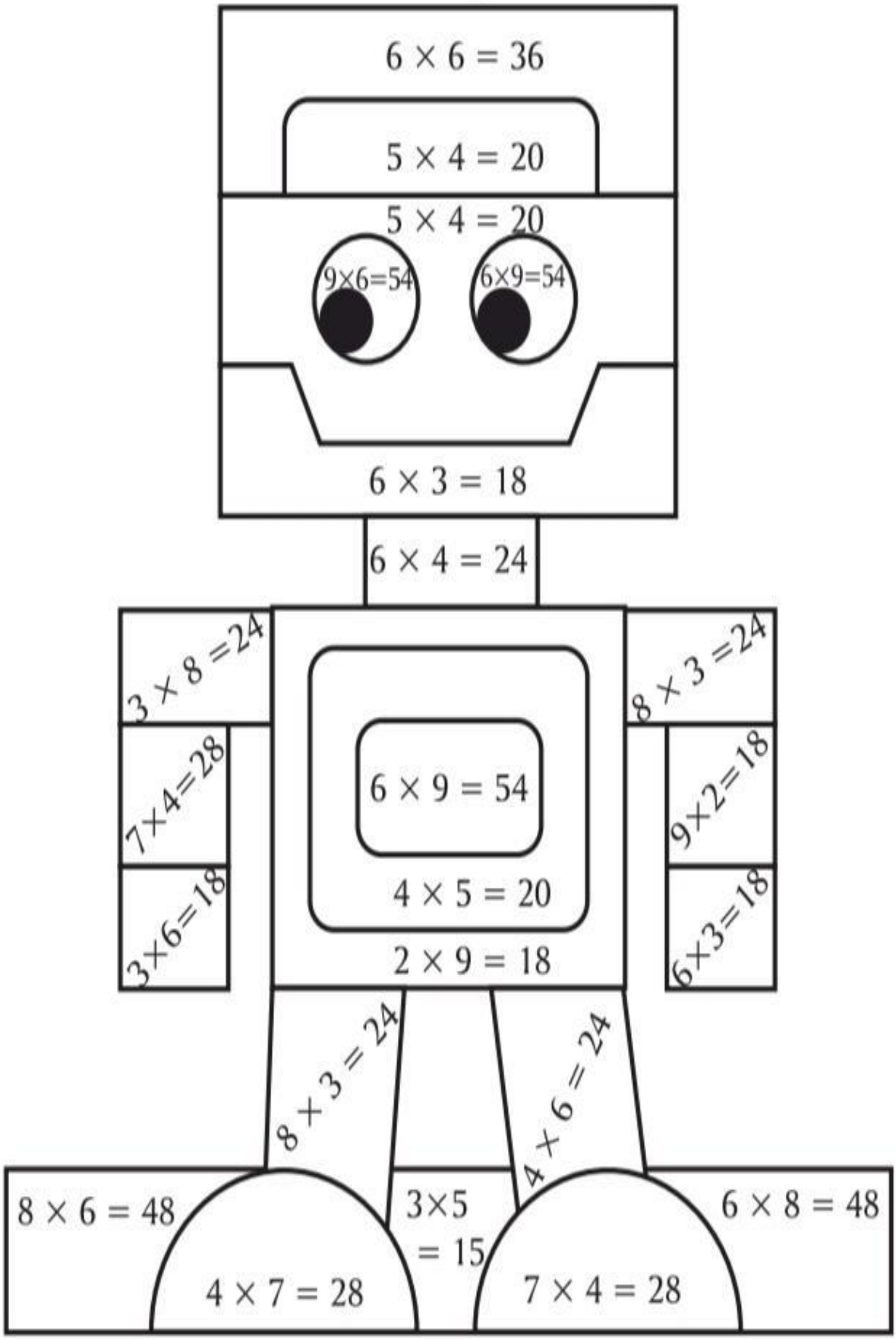
Ex2- Q.1 (a,d,g,f,i) Notebook
Q.2 (a,c,e,g) Notebook

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
7×4=28
3×6=18
6 × 9 = 54
4 × 5 = 20
2 × 9 = 18
8 × 3 =24
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)**
$$\begin{array}{r} 342 \\ \times\ 2 \\ \hline 684 \\ \hline \end{array}$$

(b)
$$\begin{array}{r} 234 \\ \times\ 2 \\ \hline 468 \\ \hline \end{array}$$

(c)
$$\begin{array}{r} 112 \\ \times\ 4 \\ \hline 448 \\ \hline \end{array}$$

(d)
$$\begin{array}{r} 433 \\ \times\ 2 \\ \hline 866 \\ \hline \end{array}$$

(e)
$$\begin{array}{r} 202 \\ \times\ 3 \\ \hline 606 \\ \hline \end{array}$$

(f)
$$\begin{array}{r} 111 \\ \times\ 8 \\ \hline 888 \\ \hline \end{array}$$

2. **(a)**
$$\begin{array}{r} 2311 \\ \times\ 2 \\ \hline 4622 \\ \hline \end{array}$$

(b)
$$\begin{array}{r} 1310 \\ \times\ 3 \\ \hline 3930 \\ \hline \end{array}$$

(c)
$$\begin{array}{r} 1221 \\ \times\ 4 \\ \hline 4884 \\ \hline \end{array}$$

(d)
$$\begin{array}{r} 3231 \\ \times\ 3 \\ \hline 9693 \\ \hline \end{array}$$

(e)
$$\begin{array}{r} 2013 \\ \times\ 2 \\ \hline 4026 \\ \hline \end{array}$$

(f)
$$\begin{array}{r} 3114 \\ \times\ 2 \\ \hline 6228 \\ \hline \end{array}$$

Exercise-2

1. (a)

$$\begin{array}{r} {\scriptstyle ③②\ \ } \\ 177 \\ \times\ 4 \\ \hline 708 \end{array}$$

(b)

$$\begin{array}{r} {\scriptstyle ①①③\ } \\ 225 \\ \times\ 6 \\ \hline 1350 \end{array}$$

(c)

$$\begin{array}{r} {\scriptstyle ①\ \ ②\ } \\ 315 \\ \times\ 5 \\ \hline 1575 \end{array}$$

(d)

$$\begin{array}{r} {\scriptstyle ④②③\ } \\ 947 \\ \times\ 5 \\ \hline 4735 \end{array}$$

(e)

$$\begin{array}{r} {\scriptstyle ③②②\ } \\ 865 \\ \times\ 4 \\ \hline 3460 \end{array}$$

(f)

$$\begin{array}{r} {\scriptstyle ⑦②④\ } \\ 935 \\ \times\ 8 \\ \hline 7480 \end{array}$$

(g)

$$\begin{array}{r} {\scriptstyle ③⑤②\ } \\ 594 \\ \times\ 6 \\ \hline 3564 \end{array}$$

(h)

$$\begin{array}{r} {\scriptstyle ①①\ \ } \\ 652 \\ \times\ 3 \\ \hline 1956 \end{array}$$

(i)

$$\begin{array}{r} {\scriptstyle ④⑧⑧\ } \\ 499 \\ \times\ 9 \\ \hline 4491 \end{array}$$

2. (a)

$$\begin{array}{r} {\scriptstyle \ \ ②\ \ } \\ 1015 \\ \times\ 5 \\ \hline 5075 \end{array}$$

(b)

$$\begin{array}{r} {\scriptstyle \ ②④\ } \\ 1138 \\ \times\ 6 \\ \hline 6828 \end{array}$$

(c)

$$\begin{array}{r} {\scriptstyle \ ③③\ } \\ 1981 \\ \times\ 4 \\ \hline 7924 \end{array}$$

(d)

$$\begin{array}{r} {\scriptstyle ①\ \ \ \ } \\ 4612 \\ \times\ 2 \\ \hline 9224 \end{array}$$

(e)

$$\begin{array}{r} {\scriptstyle ①\ \ \ \ } \\ 2513 \\ \times\ 3 \\ \hline 7539 \end{array}$$

(f)

$$\begin{array}{r} {\scriptstyle \ \ ①\ \ } \\ 3015 \\ \times\ 2 \\ \hline 6030 \end{array}$$

(g)

$$\begin{array}{r} {\scriptstyle ①①①\ } \\ 1323 \\ \times\ 6 \\ \hline 7938 \end{array}$$

(h)

$$\begin{array}{r} {\scriptstyle ①①\ \ } \\ 2643 \\ \times\ 3 \\ \hline 7929 \end{array}$$

(i)

$$\begin{array}{r} {\scriptstyle \ ①②\ } \\ 2045 \\ \times\ 4 \\ \hline 8180 \end{array}$$

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.

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.

3. Number of pages in a newspaper = 28

Total number of pages in 45 newspapers = 45 × 28

= 1260

So, Raj has 1260 pages.

4. Cost of 1 dozen guavas = ₹ 96

∴ Cost of 15 dozen guavas = ₹ 96 × 15

= ₹ 1440

So, Mamta will pay ₹ 1440 to the shopkeeper.

```
  2 8 0
    2 9 5
    × 3 2
    5 9 0
+ 8 8 5 0
  9 4 4 0

    (4)(4)
  1 0 5 5
      × 8
  8 4 4 0

      4 5
    × 2 8
    3 6 0
+ 9 0 0
  1 2 6 0

      9 6
    × 1 5
    4 8 0
+ 9 6 0
  1 4 4 0
```

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.

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.

7. The price of one notebook = ₹ 28

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

= ₹ 672

So, the shopkeeper will make ₹ 672.

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.

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.

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.

```
    2 5 6
    × 3 2
    5 1 2
+ 7 6 8 0
  8 1 9 2

      4 8
    × 3 6
    2 8 8
+ 1 4 4 0
  1 7 2 8

      2 8
    × 2 4
    1 1 2
+ 5 6 0
  6 7 2

      3 5
    × 1 5
    1 7 5
+ 3 5 0
  5 2 5

      2 4
    × 1 8
    1 9 2
+ 2 4 0
  4 3 2

    1 4 5
    × 6 5
    7 2 5
+ 8 7 0 0
  9 4 2 5
```

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

$$\begin{array}{r} \textcircled{2}\textcircled{4} \\ 35 \\ \times\ 8 \\ \hline 280 \end{array}$$

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

$$\begin{array}{r} \textcircled{2}\textcircled{4} \\ 48 \\ \times\ 6 \\ \hline 288 \end{array}$$

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

$$\begin{array}{r} \textcircled{3}\textcircled{1} \\ 52 \\ \times\ 7 \\ \hline 364 \end{array}$$

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

$$\begin{array}{r} \textcircled{6}\textcircled{2} \\ 73 \\ \times\ 9 \\ \hline 657 \end{array}$$