Division

I. Divide the following.

A.

```
        272
32 | 8 7 0 5
      - 6 4
        2 3 0
        - 2 2 4
            6 5
          - 6 4
              1
```

8,705 ÷ 32

Answer
272

Remainder
1

B.

```
21 | 9 7 5 4
```

9,754 ÷ 21

Answer

Remainder

C.

```
12 | 1 5 0 4
```

1,504 ÷ 12

Answer

Remainder

D.

```
14 | 3 5 3 7
```

3537 ÷ 14

Answer

Remainder

In each case, tick the correct answer.

E.   What will be the remainder after dividing **3,592,108** by **16**?

☐ 8   ☐ 12   ☐ 10   ☐ 1

F.   What will be the remainder after dividing **128,575** by **13**?

☐ 2   ☐ 7   ☐ 6   ☐ 5

G.   What will be the reminder after dividing **662,622** by **19**?

☐ 16   ☐ 19   ☐ 166   ☐ 92

II. Solve the following.

1. Divide **7, 1 2 9 ÷ 243.**

   ☐ **29.33**   ☐ **293.3**   ☐ **2.633**   ☐ **29.32**

2. Solve: **29 | 87,660**

   ☐ **3023.76**   ☐ **3022.75**   ☐ **3023.77**   ☐ **3332.77**

3. **2,992 ÷ …….. = 272**

   ☐ **12**   ☐ **10**   ☐ **11**   ☐ **13**

4. Divide the whole numbers by fractions. **33 ÷ $\frac{66}{78}$**

   ☐ **35**   ☐ **39**   ☐ **40**   ☐ **33**

5. Find the quotient: **31 | 37.670**

   ☐ **1.215**   ☐ **12.15**   ☐ **125.1**   ☐ **120.1**

6. Solve **$7\frac{3}{6} \div \frac{7}{6}$ = ……….?**

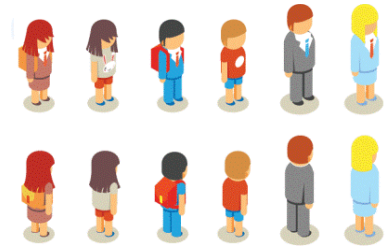   ☐ **6.429**   ☐ **6.428**   ☐ **64.28**   ☐ **6.482**

7. In a school, **288 students** were aligned in **12 rows**. Find how many students are there in each row?

☐ 24   ☐ 25

☐ 26   ☐ 20

8. Olivia with her three friends went to the local farm to pluck apples. They plucked **80 apples** in all. How many apples will each one get, if they decided to share them equally?

☐ 20 Apples   ☐ 21 Apples   ☐ 29 Apples   ☐ 25 Apples

9. Ryan, Mike, and John went on a holiday trip to Atlantic City. Ryan won **$93,384** at the slot machine in the airport. If Ryan decides to divide the money equally with his friends, what share will each friend get?
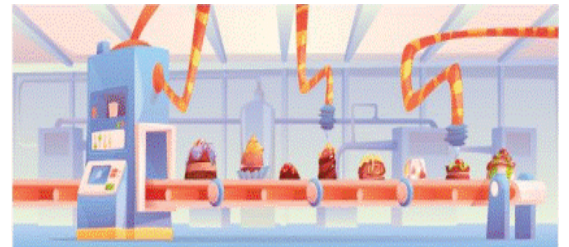
☐ $30,128   ☐ $31,028   ☐ $31,108   ☐ $31,120

10. Eight chocolates making lines in a factory can prepare **8,000 tons** of chocolate in a year. How many tons of chocolate can one making line produces in a year?

☐ 10000   ☐ 11000

☐ 15000   ☐ 12000

III. Division – Divisibility Rules.

A. Is **546,926** divisible by **4**?   ☐ No   ☐ Yes

B. Is **405,854,376** divisible by **2**?   ☐ No   ☐ Yes

C. Is **2,105,233** divisible by **3**?   ☐ No   ☐ Yes

D. Is **865,750** divisible by **5**?   ☐ No   ☐ Yes

E. Is **3,461,618** divisible by **3**?   ☐ No   ☐ Yes

F. Is **34,152,420** divisible by **8**?   ☐ No   ☐ Yes

G. Is **34,152,420** divisible by **4**?   ☐ No   ☐ Yes

H. Is **3,487,180** divisible by **8**?   ☐ No   ☐ Yes

I. If a number is divisible by **9**, then it is also divisible by?

☐ **4**   ☐ **12**   ☐ **3**   ☐ **All of these**

J. Tick all the numbers that are divisible by **10**.

☐ **1,000,005**   ☐ **23,100**   ☐ **14,562**   ☐ **105,120**

K. Tick all the numbers that can divide **7,415,224**.

☐ **2**   ☐ **5**   ☐ **8**   ☐ **7**

Answer Key:

I.

(B): Answer = 464, Remainder = 10
(C): Answer = 125, Remainder = 4
(D): Answer = 252, Remainder = 9
(E): 12
(F): 5
(G): 16

II.

(1): 29.33
(2): 3022.75
(3): 11
(4): 39
(5): 1.215
(6): 6.428
(7): 24
(8): 20 Apple
(9): $31,128
(10): 10,000

III.

(A): No	(G): Yes
(B): Yes	(H): No
(C): No	(I): 3
(D): Yes	(J): 23,100; 105,120
(E): No	(K): 2; 8; 4
(F): No	