Date ___/___/___ EXERCISE - 31 Saathi

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Q.A. Fill in the blanks:

1. $25,793 \div \underline{25,793} = 1$
3. $\underline{0} \div 53,472 = 0$
5. $35,294 \div \underline{1} = 35,294$
7. $\underline{5,729} \div 5,729 = 1$
9. $\underline{0} \div 87,203 = 0$

Q.B. Write down the quotient and the remainder without doing the actual division.

1. $296 \div 10$
   Q = 29
   R = 6 } Ans

(5) $10083 \div 100$
   Q = 100
   R = 83 } Ans

(7) $45985 \div 1000$
   Q = 45
   R = 985 } Ans

Q.C. Find the dividend:

(1) Q = 23, R = 80, Divisor = 100

∴ Dividend = (Q × Divisor) + R
= (23 × 100) + 80
= 2300 + 80 = 2380 Ans

(2) Q = 1521, R = 4, Divisor = 10

∴ Dividend = (Q × Divisor) + R
= (1521 × 10) + 4
= 15210 + 4
= 15,214 Ans.

(3) Q = 271, R = 837, Divisor = 1000

∴ Dividend = (Q × Divisor) + R
= (271 × 1000) + 837
= 271000 + 837
= 2,71,837 Ans.

Saathi

Date __/__/__ EXERCISE - 3J

Q.A. Divide and check the answer : Page - 38, 39

(I) 6,20,972 ÷ 44

Solution:

```
      14113 ← Quotient (Q)
44 ) 620972 ← Dividend
   - 44
     180
   - 176
      49
      44
      57
     -44
     132
    -132
       0 ← Remainder (R)
```

Divisor ↑ 44

Q = 14,113
R = 0
Ans

VERIFICATION

(Q x Divisor) + R
= 14113 x 44 + 0
56452
+564520
620972 + 0
= 620972
= Dividend

∵ Dividend = (Q x Divisor) + R

Hence, the division is correct.

(II) 56,00,192 ÷ 96

Solution:

```
      58335 ← Q
96 ) 5600192 ← Dividend
   - 480
     800
   - 768
     321
   - 288
     339
   - 288
     512
   - 480
      32 ← R
```

Divisor ↑ 96

Q = 58,335
R = 32
Ans

VERIFICATION

```
   58335 ← Q
 x    96 ← Divisor
  350010
+5250150
56,00,160
     +32 ← R
56,00,192 ← Dividend
```

∵ Dividend = (Q x Divisor) + R

Hence, the division is correct.