

Multiplication and Division

Q1. Multiply and match the following:

| | |
|-------------------|---------|
| 701×3482 | 65728 |
| 632×104 | 748452 |
| 9840×243 | 2440882 |
| 1286×582 | 2391120 |

Q2. Rishabh has to submit the Revision worksheet today. Help him check his worksheet by checking the answers. Put a cross (X) for the wrong answer and a tick(✓) for the correct answer. If Rishabh's answer is wrong, write the correct answer in the space provided.

| Revision sheet | | |
|------------------------------------|-------------|-------------------------|
| Multiply | Right/Wrong | Correct answer if wrong |
| $2 \times 1 = 3$ | X | <u>2</u> |
| $2 \times 2 = 4$ | ✓ | <u>--</u> |
| 1. $9000 \times 200 = 18,00,000$ | — | _____ |
| 2. $700 \times 300 = 2100$ | — | _____ |
| 3. $90 \times 40,000 = 36,00,000$ | — | _____ |
| 4. $733208 \times 1000 = 73320800$ | — | _____ |

Q3. State true or false:

a. When a number is divided by 1, the quotient is 1.

b. When zero is divided by any number other than zero, then the quotient is always zero.

c. When a number is divided by itself, then the quotient is always the number itself.

Q4. Divide the following and find the quotient and remainder in each case.

a. $7902438 \div 23$

Q = _____ , R = _____

b. $805981 \div 13$

Q = _____ , R = _____

Q5. The cost of one washing machine is ₹26,314. Fill in the table below to calculate the bill of different dealers.

| Dealer's name | Number of washing machines | Total Cost (in ₹) |
|-------------------|----------------------------|-------------------|
| Nagma Appliances | 36 | _____ |
| Shree Electronics | 40 | _____ |
| Ramya Dealers | 78 | _____ |

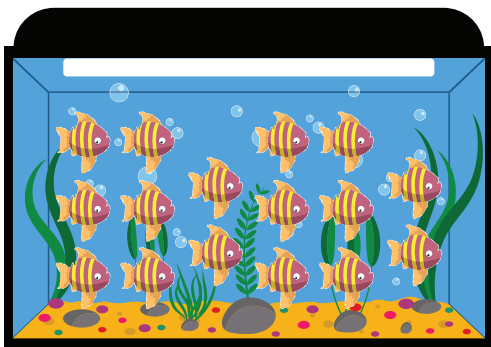
Q6. There are 27,856 invitation cards in a box. If Mr. Sharma has ordered 7 such boxes, what is the actual and approximate number of cards ordered?

Answer: Actual number of cards = _____

Approximate number of cards = _____

Q7. The following picture shows the number of fish in a fish tank.

A fisheries store has 3250 such tanks. How many fish does the store have in all?



Answer: _____

Q8. Fill in the crossword using clues given below:

| | | | | | | |
|----|----|--|--|----|----|--|
| a. | e. | | | f. | | |
| | b. | | | | | |
| | | | | | | |
| | | | | | h. | |
| c. | g. | | | d. | | |
| | | | | | | |
| | | | | | | |

| Across: | Down: |
|--|---|
| a. Product of 8 with itself | e. Product of 6 and an even number less than 10 |
| b. $8 \times$ smallest 4 digit number | f. Product of smallest even number and 100 |
| c. Product of 3 and number of days in a week | g. 11 times 11 |
| d. 16×20 | h. Product of 90 and the largest single digit even number |

Q9. Rakhi has brought 15,892 candies for distribution. She is giving 5 candies to each child. How many children will get the candies? Will there be any candies left? If yes, how many?

Answer: _____

Q10. Match the following:

| | |
|--------------------|-------------|
| $5000 \div 10$ | Q=8; R = 8 |
| $10002 \div 20$ | Q=6; R = 8 |
| $80008 \div 10000$ | Q=500; R =0 |
| $96008 \div 16000$ | Q=500; R=2 |

Q11. Solve and find the actual and estimated answers:

A crockery company needs to ship an order of 6045 glass bowls. If each shipping box can hold 15 bowls, how many boxes will the company need?

Answer: Estimated Answer : _____

Actual Answer : _____

Q12. Find the pattern and complete the series:

256, 128, 64, 32, 16, _____, _____, _____

Q13. Add more boxes and continue the steps to find out how many times we need to add 14 to get 98?

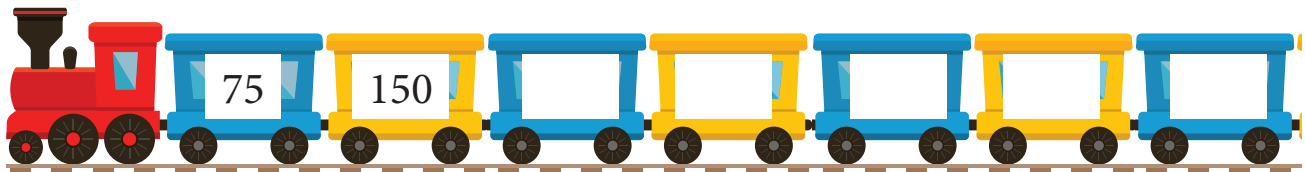
| | | | | |
|----|---|----|---|----|
| 14 | + | 14 | = | 28 |
| ← | | | | |
| 28 | + | 14 | = | 42 |
| ← | | | | |
| 42 | + | 14 | = | |
| ← | | | | |
| | + | 14 | = | |

Answer: _____ times

Q14. Each coach of the train given below can seat 75 passengers.

Write the last seat number in each coach.

(Two have been done for you).



Q15. Divide and fill in the blanks:

$$7,08,956 \div 18$$

$$Q = \underline{\hspace{2cm}}, R = \underline{\hspace{2cm}}$$

So, if ₹ 7,08,956 are to be divided among 18 people equally, then each person will get ₹ _____ and ₹ _____ will be left.

ANSWERS

1.

| | |
|-------------------|---------|
| 701×3482 | 2440882 |
| 632×104 | 65728 |
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| 1286×582 | 748452 |

2.

| Revision sheet | | |
|------------------------------------|-------------|-------------------------|
| Multiply | Right/Wrong | Correct answer if wrong |
| $2 \times 1 = 3$ | X | <u>2</u> |
| $2 \times 2 = 4$ | ✓ | <u>--</u> |
| 1. $9000 \times 200 = 18,00,000$ | ✓ | <u>--</u> |
| 2. $700 \times 300 = 2100$ | X | <u>2,10,00</u> |
| 3. $90 \times 40,000 = 36,00,000$ | ✓ | <u>--</u> |
| 4. $733208 \times 1000 = 73320800$ | X | <u>73,32,08,000</u> |

3. a. False
b. True
c. False

4. a. $Q = 343584, R=6$
b. $Q= 61998; R=7$

5.

| Dealer's name | Number of washing machines | Total Cost |
|-------------------|----------------------------|------------|
| Nagma Appliances | 36 | ₹9,47,304 |
| Shree Electronics | 40 | ₹10,52,560 |
| Ramya Dealers | 78 | ₹20,52,492 |

6. Actual number of cards = 1,94,992
Approximate number of cards = 1,96,000
7. 52,000 fishes

| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | 4 | | | 2 | | |
| | 8 | 0 | 0 | 0 | | |
| | | | | 0 | | |
| | | | | | 7 | |
| 2 | 1 | | | 3 | 2 | 0 |
| | 2 | | | | 0 | |
| | 1 | | | | | |

8.

9. 3178 children, 2 candies will be left

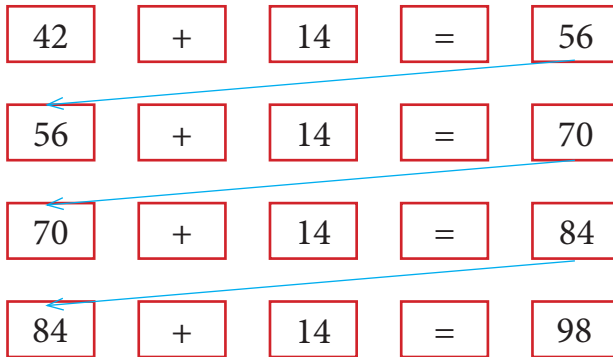
10.

| | |
|---------------|--------------|
| 5000 ÷ 10 | Q=500; R = 0 |
| 10002 ÷ 20 | Q=500; R = 2 |
| 80008 ÷ 10000 | Q=8; R = 8 |
| 96008 ÷ 16000 | Q=6; R = 8 |

11. Estimated Answer : 400 boxes
Actual Answer : 403 boxes

12. 8, 4, 2

13.



7 times

14. 225, 300, 375, 450, 525

15. Q=39, R= 8;
39,386 people, ₹8