

1

The Fish Tale

- The number system consists of **10 digits** – 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9.

	Crores	Lakhs		Thousands		Ones		
	Crores	Ten Lakhs	Lakhs	Ten Thousands	Thousands	Hundreds	Tens	Ones
Face Value	4	6	2	5	7	3	4	8
Place Value	4,00,00,000	60,00,000	2,00,000	50,000	7,000	300	40	8

A. Solve the following.

- The place value of the digit 9 in 63,90,517 is
 a. 90000 b. 900000 c. 900 d. 90
- The place value of the digit 3 in 1,76,95,321 is
 a. 30000000 b. 300 c. 30000 d. 30
- The face value of the digit 4 in 56,49,857 is
 a. 4 b. 40 c. 400 d. 40000
- The place value of the digit 8 in 7,87,62,306 is
 a. 80000 b. 8000000 c. 80 d. 8
- The place value of the digit 2 in 8812 is
 a. 2000 b. 200 c. 20 d. 2

B. Write the numbers in word form.

- 6,29,718 :
- 71,63,854 :
- 34,526 :
- 8,45,63,201 :
- 20,01,125 :

C. Write the numbers for each of the following.

1. One Lakh :
2. One Thousand :
3. Ten Crore :
4. Ten Thousand :
5. Hundred Lakh :

D. Solve the word problems.

1. If the price of fish is Rs. 180 per Kg then what will be the price of 6 kg fish?
2. A shark is 10 meters long, what is the total length of 4 sharks?
3. A boat is 300 meters long, what is the $\frac{1}{3}$ length of the boat?
4. Sanjay took a loan of Rs. 6000 from the bank. He paid back Rs. 550 very month for one year. How much money did he paid back to bank?
5. Jack bought 300 kg of fresh fish at the rate Rs. 30 per kg and spent Rs. 400 for salt and transportation. After one month he sold the dry fish at the rate of Rs. 80 per kg. Find his gain or loss, if 4 kg of fish gives 2 kg of dry fish?

6. Akshay takes 6000 kg grapes for Rs. 25 a kg, he dries it for kishmis. The kishmis is one third of the grapes. He sells kishmis for Rs. 90 a kg. How much profit will he earn?

7. The speed of boat is 35 km per hour. How much time will it take to go 140 km?

8. The cars moves at the speed of 70 km per hour. How much distance it can cover in 3 hours?

9. Look at the table and answer the following.

Type of Boat	Catch of fish in 1 trip (Kg)	Speed of Boat
Log Boat	25	6 km per hour
Long Tail Boat	500	15 km per hour
Motor Boat	850	30 km per hour
Big Ship	9000	10 km per hour

a) What distance the log boat will cover in 4 hours?

b) If we use motor boat what distance will be covered in three and a half hours?

c) About how much fish in all will each type of boat bring in 4 trips?

d) If a big ship has to travel 50 km how long will it take?

E. Match the following.

- | | |
|--------------------------------|--------------------|
| 1. Greatest 5 digit number + 1 | a. $900+90+9$ |
| 2. Greatest 7 digit number + 1 | b. $50000+9$ |
| 3. Smallest 4 digit number – 1 | c. One Lakh |
| 4. Successor of 3,56,999 | d. 10000000 |
| 5. Predecessor of 50010 | e. $3,58,000-1000$ |

F. Convert the following.

- a) 14 m = _____ cm
- b) 10.8 m = _____ cm
- c) 17.5 m = _____ cm
- d) 139 cm = _____ m
- e) 2000 m = _____ km
- f) 5.5 km = _____ m
- g) 1500 g = _____ kg
- h) 1280 g = _____ kg
- i) 21.5 kg = _____ g
- j) 51 kg = _____ g

Answers

A.

1. a, 2. b, 3. a, 4. b, 5. d

B.

1. 6,29,718 : Six lakh twenty nine thousand seven hundred eighteen
2. 71,63,854 : Seventy one lakh sixty three thousand eight hundred fifty four
3. 34,526 : Thirty four thousand five hundred twenty six
4. 8,45,63,201 : Eight crore forty five lakh sixty three thousand two hundred one
5. 20,01,125 : Twenty lakh one thousand one hundred twenty five

C.

1. One Lakh :1,00,000
2. One Thousand : 1000
3. Ten Crore :10,00,00,000
4. Ten Thousand :10,000
5. Hundred Lakh :100,00,000

D.

1. $180 \times 6 = \text{Rs } 1080$
2. $10 \times 4 = 40$ meters
3. $300 \times \frac{1}{3} = 100$ meters
4. 550×12 months = 6600
5. Fresh fish cost $300 \times 30 = 9000 + 400 = 9400$
 $300 \times \frac{4}{2} = 150$ kg dry fish
 $150 \times 80 = 12000$ Rs
profit is $12000 - 9400 = \text{Rs } 2600$
6. Total cost of Grapes $6000 \times 25 = \text{Rs } 150000$
Kishmis = $6000 \times \frac{1}{3} = 2000$ kg
Total Value of Kishmis = $2000 \times 90 = \text{Rs } 18000$
The profit is $\text{Rs } 18000 - 15000 = \text{Rs } 3000$
7. Time = Distance/Speed
Time = $140/35 = 4$ hours
8. Distance = Speed x Time
Distance = $70 \times 3 = 210$ Km
9.
 - a. Log boat will cover = $6 \times 4 = 24$ km
 - b. Motor boat covers = $30 \times 3.5 = 105$ km distance
 - c. Log boat $25 \times 4 = 100$ kg
Long tail boat $500 \times 4 = 1000$ kg

$$\text{Motor boat } 850 \times 4 = 3400 \text{ kg}$$

$$\text{Big Ship } 9000 \times 4 = 36000 \text{ kg}$$

$$\text{Total} = 100 + 1000 + 3400 + 36000 = 41500 \text{ kg}$$

$$\text{d. Big ship takes} = 50/10 = 5 \text{ hours}$$

E.

1.c, 2.d, 3.a, 4.e, 5.b

F.

a. 1400

b. 1080

c. 1750

d. 1.39

e. 2

f. 5500

g. 1.5

h. 1.28

i. 21500

j. 51000