

NCERT SOLUTIONS

CLASS - 5th



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Class : 5th
Subject : Maths
Chapter : 1
Chapter Name : The Fish Tale

Q1 Do you know any poems about fish?

Answer. Lots of fish upon the tide they go swimming side by side underwater they abide and, on the waves, they side good made their home the sea so the fish swim happily colorful big and small good made them all.

Page : 1 , Block Name : The Fish Tale

Q2 How long is the biggest fish you can imagine?

Answer. I can imagine a fish about 16 meters long.

Page : 2 , Block Name : The Fish Tale

Q3 How many times longer is your big fish than the smallest fish?

Answer. The smallest fish is 1 cm long and the biggest fish is about 16 meters.

1m = 100 cm.

Thus ,16 m = 16 X 100 = 1600 cm.

Hence, the biggest fish is 1600 times longer than the smallest fish.

Page : 2 , Block Name : The Fish Tale

Q4 About how many kilograms do you weigh?

Answer. My weight is about 32 kg.

Page : 3 , Block Name : The Fish Tale

Q5 So, 12 children like you put together will weigh about....kg.

Answer. The Weight of a child =32 kg

So, the weight of 12 children

= 32 x 12 = 384 kg

Page : 3 , Block Name : The Fish Tale

Q6 About how much more does the whale shark weight than 12 children like you put together?

Answer. The Weight of shark =18000 kg

The Weight of 12 children= 384 kg

Different = 1800 - 384 = 17616 kg

Page : 3 , Block Name : The Fish Tale

Q7 How many of you have seen the sea? where did you see it? Did you see it in a movie or for real?
How deep do you think the sea could find out?

Answer. No, I have not seen the sea ever. But friends have seen. I have seen only in movies I think the depth of the sea is about 100 fit.

Page : 5 , Block Name : Fishermen In Their Boats

Q8 Do you know how to swim? Would you be scared of the high sea waves?

Answer. No, I do not know how to swim yes, I feel scared for high waves.

Page : 5 , Block Name : Fishermen In Their Boats

Q9 Close your eyes and imagine the sea with waves rising high.

Answer. High waves look amazing.

Page : 6 , Block Name : Fishermen In Their Boats

Q10 How high do you think the waves can go?

Answer. I think the sea waves can go 55 meters high.

Page : 6 , Block Name : Fishermen In Their Boats

Q11 These log boats do not go very far. If the wind is helpful, then travel about 4 km in one hour.

A) How long will they take to go a distance of 10 km?

B) Guess how far you can go in one hour if you walk fast.

Answer. (a) Boat travels in 1 hour= 4km.

The boat will travel in half hour

$4/2 = 2$

So the boat will travel in 10km. =2 and a half hour.

(b) I think I can go 5 to 6 km.

Page : 6 , Block Name : Fishermen In Their Boats

Q12 Look at the sun and find out the direction from where it rises:

A) from where you are what interesting things do you see to your east?

Solution. We all know that the sun rises in the east I see the red-orange sky in the morning during sunrise.

B) Name two things that are lying to your west.

Answer. I see the setting sun in the west and sky is happened of the orange-red color.

Page : 7 , Block Name : Find Out

Q13 Look at the different types of boats some boats have motors and go further into the sea. since they go far out they can catch more fish. These boats travel faster, at the speed of about 20 km in one hour.

A) How far would the motor boats go in three and a half hours?

B) How much time will they take to go 85 km?

Answer. (a) The boat travels in 1 h

Then it will go in 3 h = $3 \times 20 = 60$ km

And it will go in $\frac{1}{2}$ h = $\frac{1}{2} \times 20 = 10$ km

So, the distance covered by boat in 3 and a half hours = $60 + 10 = 70$ km.

(b) The time took by boat to 80 km = $80/20 = 4$ h

Total time has taken = 4h 15 min.

Page : 7 , Block Name : What a Catch!

Q14 Write a news report about the dangers faced by the fishes in our rivers and seas.

Answer. Fish is observing are often cited as a way to verify that fishing is done both ethically and sustainably, however, the significant risk that observers point themselves in when conducting their duties is less well known. Many have been murdered and many of them are missed to better protect fishes observers in the face of such threats many are calling for reform to improve their safety.

Page : 9 , Block Name : What A Catch!

Q15 If a long tail boat has to travel 60 km how long will it take?

Answer. Speed of long tail boat = 12 km/h

Speed = $\frac{\text{distance}}{\text{time}}$, time = $\frac{\text{distance}}{\text{speed}}$ Since the long tail boat will take 5h - 10 cover 60 km.

Page : 9 , Block Name : Which Boat Gets How Much?

Q16 What other things have you heard of in lakhs?

Answer. I have Seen the following things in lakhs.

= Population of town

= No of employed

= No of products.

= No of vehicles.

Page : 10 , Block Name : Some Big, Big Numbers!

Q17 Write the number one thousand now write one hundred thousand so how many zeroes are there in the number one lakh? Easy isn't it?

Answer. 1000= one thousand

100000= hundred thousand

There are five zeros in one lakh.

Page : 10 , Block Name : Some Big, Big Numbers!

Q18 There are about two lakh boats in our country. Half of them are without a motor. What is the number of boats with a motor? Write it.

Answer. Total no of boats =2 lakh.

No of boats which have a motor

$\frac{1}{2} = 200000$

= 100000

= 1 lakh.

Page : 10 , Block Name : Some Big, Big Numbers!

Q19 About one-fourth of the boats. how are many thousand machine boats there? Come on try to do it without writing down.

Answer. No of motor boats=100000

$= 100000 \times \frac{1}{4} = 25000$

Since, machine boats=25000.

Page : 10 , Block Name : Some Big, Big Numbers!

Q20 Where have you heard of a crore? What was the number used for? Try writing the number one crore. Don't get lost in all the zeroes!

Answer. Yes, I have heard that population of India is in crore.

Page : 10 , Block Name : Some Big, Big Numbers!

Q21 At what price per kg did fazila sell the kingfish.

Answer. The total price of 8 kg fish =Rs.1200

Price of 1 kg fish = $1200/8 = 150$

Page : 11 , Block Name : Practice Time

Q22 Floramma has sold 10 kg prawns today. How much money did she get for that?

Answer. Price of 1 kg prawns=Rs. 150

Hence, the total price of 10 kg prawns = 10×150

=Rs 1500

Page : 11 , Block Name : Practice Time

Q23 Gracy sold 6 kg swordfish mini has earned as much money as gracy how many kgs of sardines did mini sell?

Answer. Price of 1kg swordfish =Rs .60

Money earned by mini = $6 \times 60 = 360$

Amount of sardines sold by mini = $360 \div 40 = 9$ kg

Page : 11 , Block Name : Practice Time

Q24 Basheer has Rs 100. He spends one-fourth of the money on squid and another three – fourth on prawns.

A) how many kilograms of squid did he buy

B) How many kilograms of prawns did he buy?

Answer. a) Basher has

One-fourth of 100 = $100 \times \frac{1}{4} = Rs.25$

Rs. 25 gives = $\frac{1}{5} \times 25$

= $\frac{1}{2}$ Kg of squid

(b) Money left with basher = $100 - 25 = 75$ Rs.

Rs. 1 buys $\frac{1}{50}$ Kg of prawns.

Rs. 75 buys $\frac{1}{50} \times 75 = \frac{3}{2}$ Kg of prawns.

Page : 11 , Block Name : Practice Time

Q25 The meeting of the meenkar bank has just begun. Fazila is the president of twenty fisherwomen have made their own bank. Each saves Rs 25 every month and puts in the bank.

A) How much money does the group collect each month?

B) How much money will be collected in 10 years?

Answer. A) Collection of 1 woman=Rs.25

Since the total collection of 20 women

$$= 25 \times 20$$

$$= 500$$

B) Collection for 1 month = 500

Collection of 10 years = $10 \times 12 \times 500 = 60,000$

Page : 12 , Block Name : Women ' s 'Meenkar Bank '

Q26 Gracy needs money to buy a net Jhansi and her sister want to by a log boat .so they take the loan from there bank. They will return it with interest.

A) Gracy took a loan of Rs 4,000 to by a net she paid back Rs 345 every month for one year. How much money did she pay back to the bank?

B) Jhansi and her sister took a loan of Rs 21,000 to by a log boat. they paid back a total of Rs 23,520 in one year how much did they pay back every month?

Answer. A) Amount paid by Gracy in every month= Rs. 345

Amount paid in a year = 345×12

$$= 4140$$

B) Amount paid in a month = $23520 \div 12$

$$= 1960$$

Page : 12 , Block Name : Practice time

Q27 Floramma - Let us first calculate for 6 kg of fresh fish

We buy fresh fish for	Rs 15 per kg
We sell dried fish for	Rs 70 per kg

A) We dry 6 kg fresh fish to get ___ kg dried fish.

B) For 6 kg fresh fish we have to pay $6 \times \underline{\hspace{1cm}} = \text{Rs } 90$

C) We will sell 2 kg dried fish and get $2 \times \underline{\hspace{1cm}} = \text{Rs } 90$

D) So, if we dry 6 kg fresh fish we will earn ___ - $90 = \text{Rs } \underline{\hspace{1cm}}$.

E) But if we dry 6000 kg we can earn $\text{Rs } \underline{\hspace{1cm}} \times 1000$ in one month.

Answer. a) 2 Kg.

b) 15

c) $2 \times 70 = \text{Rs } 140$

d) $140 - 90 = \text{Rs } 50$

E) $\text{Rs.} 50 \times 1000 = \text{Rs } 50000$ in a month.

Page : 14 , Block Name : Why Dont We Start A New Fish Drying Factory?

Q28 Jhansi- I found that for 6000 kg fish we would need 1500 kg salt every month! Its price is Rs 2 per kg

Monthly cost:

A) Salt $1500 \times 2 = \text{Rs } \underline{\hspace{2cm}}$

b) Packing and bus charges = Rs 3000 So the total monthly cost of drying and selling the fish = Rs

Answer. A). Rs. 3000.

Total monthly cost = $3000 + 3000$

= 6000

Earning = $50000 - 6000 = 44000$

Page : 15 , Block Name : Why Dont We Start A New Fish Drying Factory?