

Year 5 & 6 Homework Week 15

Homework is due in on Monday 4th January please complete in your red books and hand in on time. **Enjoy the holiday break year 5&6!**

Words of the week: Factual and Extract

For the words above, find out the definition and create your own sentences.

Spelling tests will be done on Friday so please learn the spellings below. Write the definition and create a sentence for each word below. Just an extra challenge for those who would like to, can you add brackets into your sentence?

cough

though

although

dough

through

thorough

borough

plough

bough

Year 5 maths:

Add the following fractions by changing one of the denominators so that they are the same. Then, write the answer in its simplest form. For each calculation, give a pair of fractions with different denominators that are multiples of the same number.

Example: $\frac{1}{4} + \frac{2}{8}$ $\frac{2}{8} = \frac{1}{4}$ $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$ can be simplified to $\frac{1}{2}$

1. $\frac{2}{3} + \frac{1}{6} =$

2. $\frac{1}{4} + \frac{1}{8} =$

3. $\frac{1}{2} + \frac{3}{10} =$

4. $\frac{2}{5} + \frac{7}{15} =$

5. $\frac{3}{4} + \frac{1}{12} =$

Subtract the following fractions by changing one of the denominators so that they are the same. Then, write the answer in its simplest form.

6. $\frac{1}{2} - \frac{1}{6} =$

7. $\frac{6}{8} - \frac{1}{4} =$

8. $\frac{3}{5} - \frac{3}{10} =$

9. $\frac{2}{3} - \frac{4}{15} =$

10. $\frac{4}{5} - \frac{4}{20} =$

Challenge

For each of these addition and subtraction calculations, write a pair of fractions with different denominators that are multiples that total the given fraction. Watch out - some of the fractions may have been written in their simplest forms!

Year 6 maths:

Adding and Subtracting Fractions with Different Denominators Challenge Cards



Adding and Subtracting Fractions with Different Denominators

1. Alana bought a box of bananas that weighed $3\frac{1}{2}$ kg. She bought a box of oranges that weighed $2\frac{3}{7}$ kg. How much did the boxes of fruit weigh in all?



Adding and Subtracting Fractions with Different Denominators

2. Mum had a roll of ribbon that was $3\frac{1}{5}$ m long. She cut off $2\frac{1}{3}$ m. How much ribbon was left on the roll?



Adding and Subtracting Fractions with Different Denominators

3. Mrs Oh bought a box of construction paper that weighed $6\frac{1}{4}$ kg. She bought a box of paints that weighed $5\frac{7}{8}$ kg. How much do the art supplies weigh in all?



4. Rogelio ran $4\frac{1}{6}$ km yesterday and $5\frac{1}{8}$ km today.
How many more kilometres did he run today than yesterday?

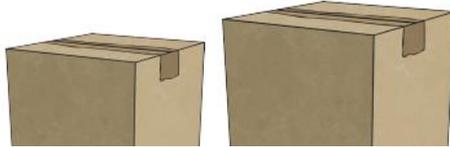


5. Armando's class recycled $4\frac{2}{3}$ containers of plastic last month. They recycled $3\frac{4}{7}$ containers this month. What is the total amount of plastic they recycled?



Adding and Subtracting Fractions with Different Denominators

6. Blanca had two boxes. One box weighed $3\frac{1}{5}$ kg. The other weighed $2\frac{2}{7}$ kg. How much more did the first box weigh than the second?



Adding and Subtracting Fractions with Different Denominators

7. Liz studied for $4\frac{1}{2}$ hours on Saturday. She studied for $6\frac{2}{7}$ hours on Sunday. How many hours did she study in all?



Reading Task Read the text and answer the questions below

Year 5

The Man Who Moved a Mountain:

A True Story of One Man's Endeavour

Dashrath Manjhi was a poor man who worked as a labourer in a remote mountain village near Bihar in eastern India. After a tragic event, he dedicated his life to a project which led to him becoming known as 'Mountain Man' or 'The Man Who Moved the Mountain'.

When Manjhi's wife fell one day, she was injured and in need of medical help. The journey to the nearest hospital was 55 kilometres. Sadly, Manjhi's wife died because she could not reach a hospital in time.



The labourer said that he never wanted anyone else to suffer the same fate as his wife. He spent the next 22 years creating a road through the mountain with only a hammer and chisel. Manjhi had to sell the family's three goats to buy the hammer and chisel that he used. When news spread about what the man was doing, many people thought that he had gone mad. People thought that he would die before he had time to finish his mission.

However, in honour of his wife, he continued for more than twenty years, working day and night. By the time he had finished, he had carved a road through the side of the mountain. His village now has access to schools, hospitals and jobs for the first time. Thanks to the efforts of this 'Mountain Man', the distance from the village to hospital changed from 55km to 15km.

The road that he created is 9 metres wide and 110 metres long.

In 2011, a documentary film was made about Dashrath Manjhi, called 'The Man Who Moved the Mountain'. Another film was made in 2015 called 'Manjhi – The Mountain Man'.

Location Fact File: Bihar is a state in eastern India. To the north, it borders Nepal. The famous River Ganges flows right through Bihar from west to east. The Himalayan mountains begin a short distance over the border into Nepal.

Questions

1. How long did Dashrath Manjhi spend carving out the passageway through the mountain? Tick **one**.

- Five months
 Fifty-five weeks
 Two years
 Twenty-two years

2. **Circle** the correct answer.

When Manjhi first started the mission, people thought that he was:

clever

mad

happy

strong

3. Draw lines to match the measurements of the new road that the Mountain Man created.

Journey from the village
to the hospital

110 metres

Width of the road

15 kilometres

Length of the road

9 metres

4. What was Dashrath Manjhi's job? Circle **one**.

doctor

farmer

labourer

film maker

5. Why do you think Manjhi's mission was a difficult one? Give two different reasons to support your answer.

6. Write down one thing that the village had new access to after the project was complete.

7. What was the name of the documentary film that was made about Dashrath Manjhi in 2015?

Reading Task Read the text and answer the questions below

Year 6

RIVER RESCUE

“Finest sport in the world and it can be very exciting when you catch a fish,” said Uncle Ted as they walked along the river bank, “now this looks a lovely spot for us to set up our rods.” He put down the bags and boxes he was carrying and spread out a rug.

Laura and Paul were staying with Uncle Ted for the weekend and when he’d said he’d take them out for the day while Auntie June was busy, they’d expected something a bit more exciting than spending the day sitting on the river bank waiting to catch a fish.

“Now, I’ve got rods for you both,” said Uncle Ted and they waited patiently while he assembled them and opened the box containing the hooks and weights. An hour went by; Laura thought it was the longest hour in her life. Apart from seeing a couple of ducks and a man walking his dog, nothing had happened. “Wonderful!” said Uncle Ted, “nothing like a day by the river for cheering you up.”

“And boring you to death,” whispered Paul to Laura.

“What time’s lunch?” asked Laura.

Uncle Ted looked at his watch, “Oh, another half hour or so,” he said.

Half an hour passed and they began to unpack the picnic that Auntie June had given them. There were sandwiches and sausage rolls, crisps and cakes, bottles of fruit juice and a flask of coffee. Paul had just taken a bite of a tuna sandwich when Uncle Ted leapt to his feet and yanked hold of one of the rods. “We’ve got one!” he yelled reeling in the line as fast as he could, “get the net ready! Quick!”

They put down their sandwiches, hurried to get out the net and watched as Uncle Ted jerked the line out of the water. There was nothing on the end of it. It was very disappointing but not half as disappointing as returning to their lunch to find that a wiry brown terrier was munching his way through their sandwiches.

Uncle Ted shouted loudly at the dog and its owner appeared and shouted at Uncle Ted at exactly the moment a pair of silvery white swans swam into view followed by three cygnets. The dog dropped the sandwich, barked enthusiastically and raced up the river bank towards the swans.

“Come back, Toby!” yelled his owner as he chased after him.

“Mind those rods!” yelled Uncle Ted,



diving towards the edge of the bank.

Uncle Ted over balanced and fell into the river just as the dog leapt through the rushes into the water right into the path of the male swan which reared up and flapped its wings wildly. The dog paddled away quickly and was soon scrambling back up on to the path. It hurtled away from its owner at top speed as the man ran after it shouting and waving the dog's lead.

As soon as the dog had gone, the swans turned their attention to Uncle Ted as he splashed about in the water.

"Help!" screamed Laura after the man, "Don't just leave us! Help us!" But the dog and his owner had disappeared around the bend in the river.

Paul snatched up one of the rods and waved it towards the hissing, angry swans, "Get back! Get away!" he shouted but only succeeded in making them more angry.

Uncle Ted was swimming frantically towards the bank but didn't seem to be making any progress and they were just beginning to panic when they heard another voice and the hum of an engine, and looking up saw a small boat heading towards them. It was the dog owner. He steered the boat towards the swans, they backed away and sailed away in the opposite direction.

"Here! Let me help you," said the man to Uncle Ted and he reached over the side and hauled him aboard the boat.

The man moored up the boat and helped Uncle Ted climb out onto the bank. The dog was standing up on its hind legs peering over the side of the boat. It gave a friendly woof. It didn't seem to realise that it had caused such a calamity.

"I'm sorry about that," said the man, "I'm Bob by the way. He gets a bit excited does Toby. He's made a bit of a mess of your lunch." They looked at the half eaten sandwiches

"I thought you'd run away and left us," said Laura, "it was really scary."

"Well, the boat was just round the corner, you see, and I knew Toby would jump onto it as soon as he saw it. Now what about sharing my lunch with me?"

It sounded like a good idea and they knew Bob was trying to be kind but Uncle Ted was wet through and they decided it would be best if they packed up and went home.

"Sorry about that," said Uncle Ted as they drove to the main road, "spoilt our day, that did. And I'm going to be in a lot of trouble with your Auntie June when she sees my clothes. I told you fishing was exciting!"

Answer the questions on the below in full sentences.

1 What did Uncle Ted think about fishing?

2 'Laura thought it was the longest hour in her life'. Why did she think this?

3 How do you think Uncle Ted was feeling when he leapt to his feet and yanked hold of one of the rods?

4 What was more disappointing than finding there was nothing on the end of the fishing line?

5 What was Laura asking the man to do when she shouted, "Don't just leave us!"?

6 What could have happened to Uncle Ted if the man had not returned in the boat?

7 Why do you think the author used the words 'silvery white' to describe the swans?

8 Which two of the following phrases best describes the disaster caused by the dog? Give reasons for your choices.

'munching his way through the sandwiches'

'leapt through the rushes'

'raced towards the swans'

'hurtled away from its owner'

Challenge

Uncle Ted got a lot of pleasure and satisfaction from going fishing. Describe in your own words how an activity such as fishing (or any other activity of your own choice) gives you pleasure and satisfaction.

Creative Writing

Write at least 2 pages using the following title.

THERE'S NO PLACE LIKE HOME

Your writing can be real, or imaginary.

In your writing you could:

- Explain the situation;
- Describe the thoughts and feelings of the person or people involved;
- Try to make your reader share the experience through your choice of words and sentences.
- Use ambitious vocabulary

PLAN YOUR ANSWER!

In your writing you should:

- Make your writing interesting for your reader – use verbs, adverbs and adjectives to achieve effects;
- Present your ideas clearly, organising your writing into paragraphs;
- Write using accurate grammar, spelling and punctuation;
- Include an interesting beginning and ending for your writing.
- Have a beginning, middle and end.
- Use punctuation correctly and include speech and dialogue.

In your writing, try to use the following:

- Alliteration
- Onomatopoeia
- Metaphor/simile