

Year 2 Snow Work Pack



Dear Children,

We hope that you are all making the most of the snow but know that some of you would like to have some challenges! So we have put together some activities for you to do at home. These activities are intended to be fun and stimulating for your learning. Enjoy!

Love ~ The Year 2 Team



Literacy - Speaking & Listening

There are only two rules for this story telling time:

1. No child can end the story, only an adult.
2. No one can kill anyone off in the story!

Someone starts the story with "once upon a time..." and then leaves the story hanging. For example: "Once upon a time there was a purple hippo. One day when the hippo went down to the river to get a drink he stumbled across a..."

Then the next person has to finish this incomplete sentence, and add another part to the story, leaving the end hanging again. For example, "...he stumbled across a talking snake. They chatted about the weather and made their way to the river. Suddenly..."

Continue telling the story, and enjoy the twists and turns that it takes along the way. Remember have a clear beginning, middle and end. Ask your child what should happen in each section of a story. When you have reached the end of the story, can you retell it?

An extension of this activity is to show the story on a storyboard having one picture for each event. Once coloured neatly, ask your child to add short sentences or speech bubbles to each picture.

Literacy - Non-fiction writing

Pick a non-fiction book and identify these features discussing what they are for. Using the sheet provided, work with your child to make a non-fiction booklet entitled 'Snow'. Some examples of headings are, Fun, Danger, Games, School, Weather Conditions, Animals and Transport.

Numeracy Mental Maths Practice: Can you:

- Count on and back in 2s from 0 to 100?
- Count on and back in 5s from 0 to 100?
- Say all your number bonds to 10 out loud?
- Say all your number bonds to 20 out loud?
- Remember which multiples of 10 add together to make 100?

Activity 1: Adding

Snowflake addition

Activity 2: Patterns

With all of this snowy weather around it is really difficult to travel using the car. Instead, lots of people have to use public transport like trains.

Activity 2 is all about a train called the Red Express. Usually the Red Express has 5 red carriages to carry all the passengers, but as the trains are so busy at the moment the station master needs to add 2 blue carriages. Using Activity sheet 2, can you find all of the different ways that 2 blue carriages could be added to the 5 red ones to make a longer train? An example has been completed to help you!

Activity 3: Word problems

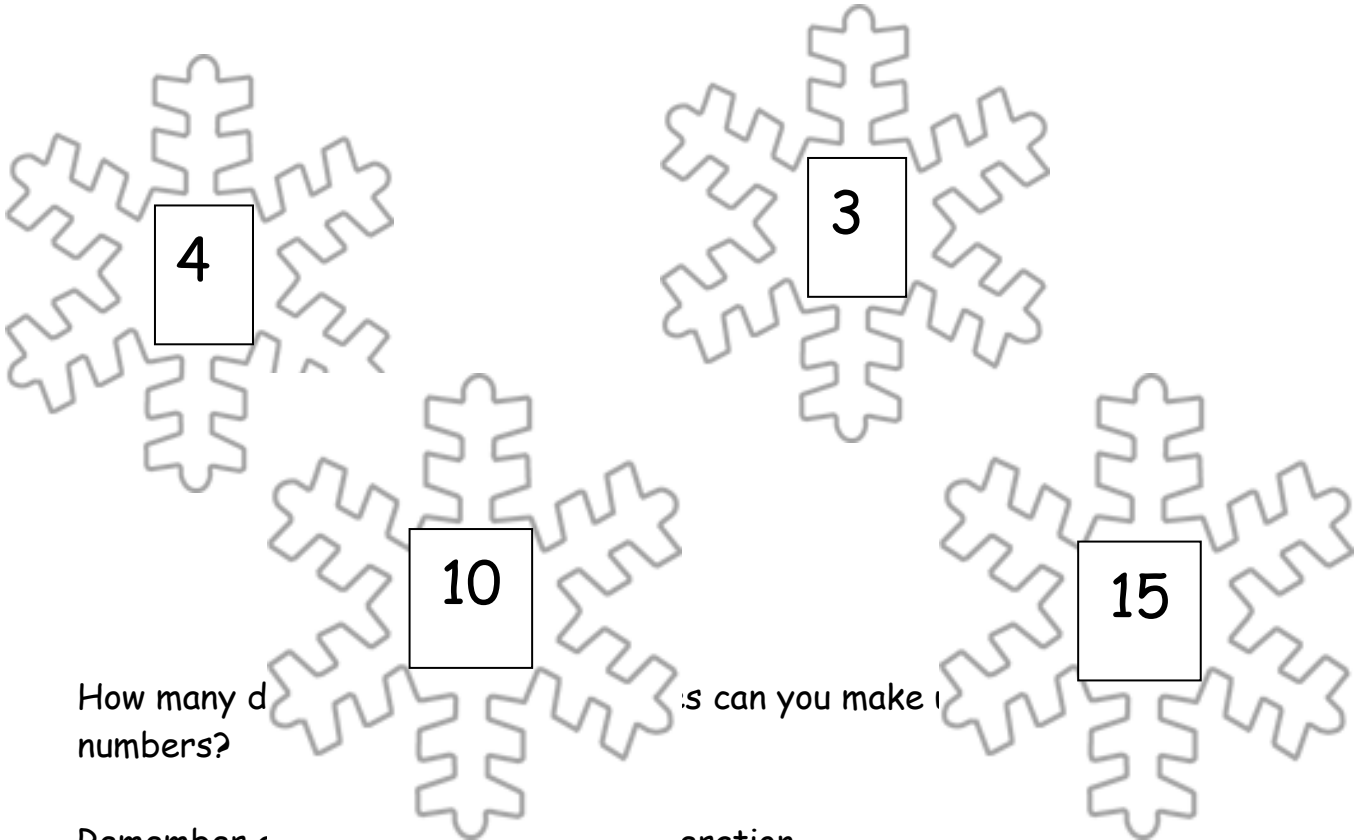
Now can you solve these Wintry Word Problems? Remember to write a number sentence for each one to help you.



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Snowflake Number Sentences

Look at the snowflake numbers.



How many division problems can you make with these numbers?

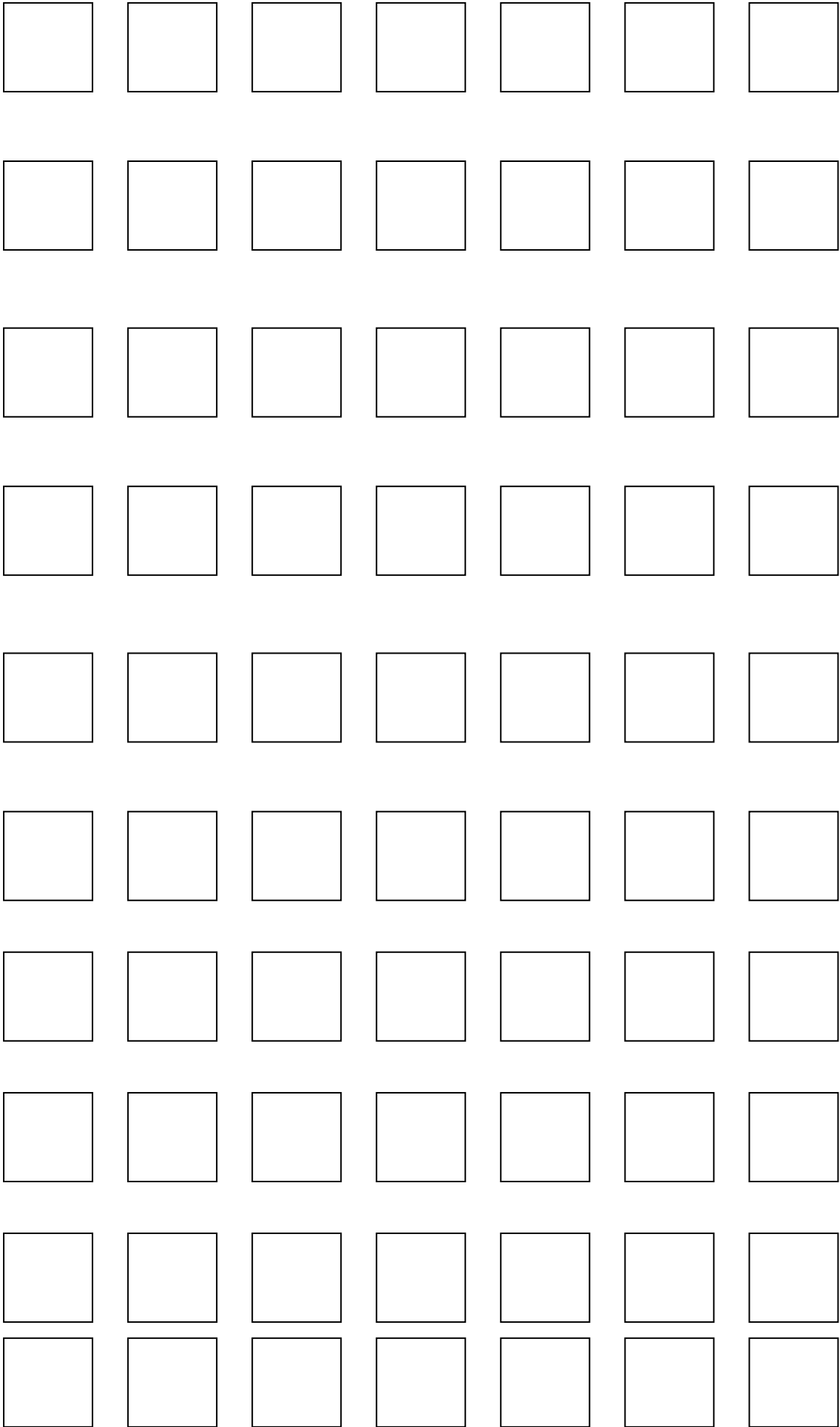
Remember about using the inverse operation.

What is the highest number you can make?

What is the lowest number?

Are your answers odd or even?

Can you use more than 2 numbers in a number sentence?



Wintry Word Problems.

- 1.) Miss Smith has shovelled 10cm of snow away from her car. She still needs to shovel another 9cm. How much snow will she have moved altogether when she has finished?



- 2.) Miss Walker has to travel 12 miles on the slippery roads to school and Miss Smith has to travel 8 miles. If you add these amounts together, how far will they have travelled?



- 3.) There were 17 snow men in the park. The sun came out and melted away 6 snowmen. How many are left?



- 4.) I find 16 snow balls outside my front door. I want to share them into 2 piles, one pile for me and one for my friend. How many snow balls will we each get?



This investigation is aimed at developing the children's understanding of melting.

James and George were making snowballs to see who could make the roundest and hardest. When they'd finished they were so proud of their snowballs that they decided to take them home to show their Mum and Dad. When they arrived home it was lovely and warm.

What will happen to their snowballs?

The boys didn't want their snowball to melt so they decided to wrap them up to keep the heat out and the cold in. It is your challenge to answer...

'What material will stop a snowball from melting the longest?'

Here are some examples of materials to use.

Bubble wrap

Tea Towel

Kitchen foil

Paper towel

Newspaper

- Have lots of fun outside making some snowballs, remembering to keep them the same size.

- Next choose 3 materials and wrap up the snowballs placing them in the same area of your house.

- Now why don't you sit in front of the fire with a hot drink and biscuit and talk about your predictions e.g. I think that the newspaper will stop the snowball from melting the longest because..... Remember no prediction is wrong as long as you can give a sensible reason. Why do they need to be the same size for the experiment to be accurate? Why do they need to be placed in the same area for the experiment to be accurate? Discuss your ideas about these two questions and think about the idea of fair testing.

Now make your final prediction and take a look at the snowballs.

Were you right? What have you found out?

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