

Mathbooking Weather Journal

3rd - 4th

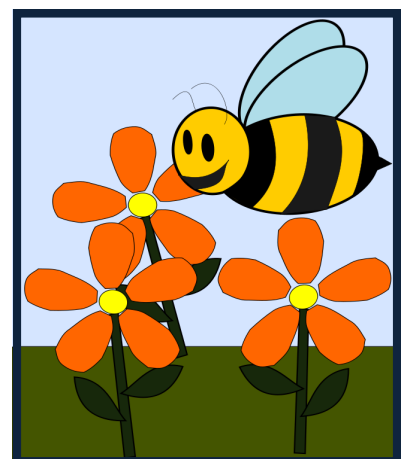


Brian and Yvonne Crawford

A **Math Journal** is a great way to promote your child's abilities to learn and grow through words, numbers and drawing. You can cut out the prompts and paste them into your child's own math journal or you can print out this booklet to use as a math journal on its own.

Some prompts may require a simple answer, while others will require more writing and thinking to respond to. Either way, encourage your child to write and diagram his or her thinking processes while solving the math problems in this journal.

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Rob the Meteorologist's weather report starts at this time:



His report will take **15 minutes**. At what time will it finish?
Draw a picture of a clock with the time to show when it ends.



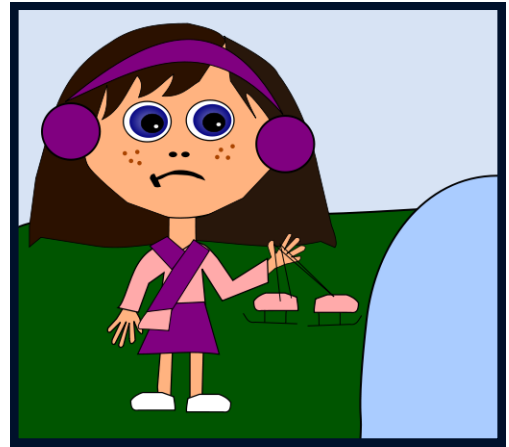
A **meteorologist** is someone who studies the Earth's atmosphere. They understand and can use mathematical models to predict the weather.

Over a period of five days, an average of **32 hailstones** fell per day. A total of how many hailstones fell over the five day period?



Hail consists of balls or lumps of ice. They form in thunderstorm clouds under certain conditions, including freezing temperatures. They can cause a lot of damage to cars!

Hailey really wants to go ice skating at the local pond. It is currently 38 degrees Fahrenheit outside. How much colder does it need to get before the water in the pond starts to freeze?



Fahrenheit and **Celsius** are the two common scales used to tell the temperature. Water freezes at 0 degrees Celsius or 32 degrees Fahrenheit.

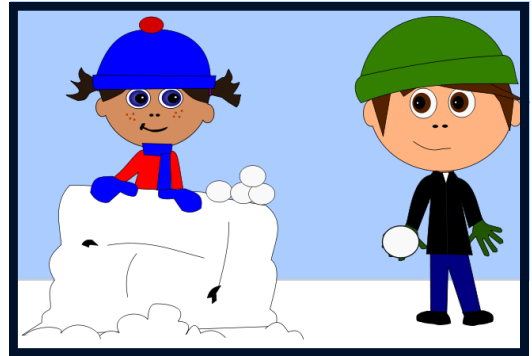


During the month of April it rained for exactly **one third** of the total number of days in April. How many days did it rain during April?



Precipitation is any product of condensed water vapor that falls with gravity. Forms of precipitation include rain, snow, hail, sleet and drizzle.

Four kids build four snow forts and stocked them with an equal number of snowballs. There were 88 snowballs in total. How many snowballs ended up in each fort?



Snowflakes are clumps of ice crystals that form in the atmosphere during periods of freezing temperatures. They often have six “arms” and are completely symmetric.

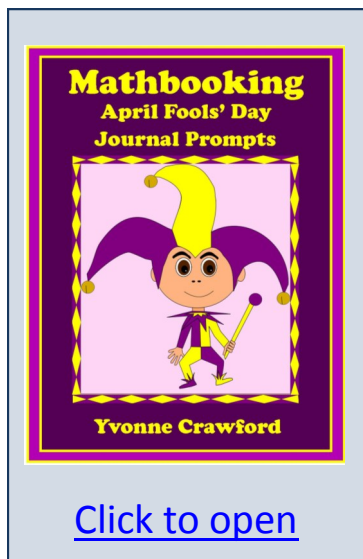
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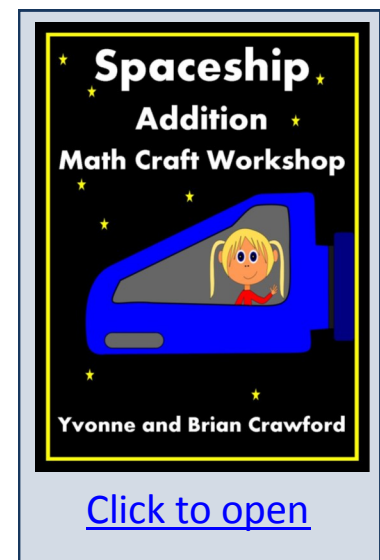
Here are some more **free activities** that your students may enjoy:



Mathbooking is a creative cross between mathematics and scrapbooking. With Mathbooking, children can learn about mathematics in a fun and stimulating environment. Here is a **free April Fools' Day Journal** with creative math questions for your children or students to answer.



The **Spaceship Addition Math Craft Workshop** is a unique way to learn addition. Cut out the colorful spaceship parts and assemble them together, then figure out how much the pieces of the ship add up to. Then have your students create a space scene to hang on your classroom wall.



Here are **52 free cursive writing worksheets** for your children or students to use to learn and practice cursive writing. Each upper and lower case letter has a page in which to practice handwriting each letter and a page with fun activities for your students to complete.