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Counts Counts Counts

<http://ftp.sunrisesd.ca/centennial/maths.html>

In Canada there are 10 provinces and 3 territories. Each province and territory has its own Premier or head of government. How many Premiers are there in total?

Bonus : Who is the Premier of Manitoba?

Answer: 13 Premiers **Bonus :** Gary Doer

Last Tuesday it snowed very heavily and Kathleen had to shovel for her parents. It took 30 minutes to do the steps, 45 minutes to do the path, and one hour to do the driveway. How long did she shovel?

Bonus : How many sides does a snowflake have?

Answer: 2 hours 15 minutes **Bonus :** 6 sides

Matthew loves being outside when it's cold. He likes to bundle up in his parka and gloves. While he was outside he counted twenty-three icicles on the west side of the house and nineteen icicles on the east side of the house. How many icicles did Matthew count in all?

Bonus : Is this an odd or even number?

Answer: 42 icicles **Bonus :** even

Kathleen went to a movie. She paid \$2.00 for her ticket, \$1.25 for popcorn, and \$.75 for a drink. How much did Kathleen spend at the movie?

Bonus : If she paid for everything with a ten dollar bill, how much change would she get back?

Answer: \$4 **Bonus :** \$6

Santa has his 10 elves working on his toys. If each elf can make 6 toys in one hour, how many toys can be made in 1 hour by all 10 elves?

Bonus : What is Santa's name in French?

Answer: 60 toys **Bonus :** Père Noël

On New Years Day it snowed and Hunter had to shovel for his parents. It took 30 minutes to do the steps, 45 minutes to do the path, and one hour to do the driveway. How long did he shovel?

Bonus : From what country does the traditional New Year song Auld Lang Syne come from ?

Answer: 2 hours and 15 minutes **Bonus :** Scotland

Kathryn is saving money to buy a new toboggan. She gave her old toboggan to her brother. She has saved \$17.38 so far. A new toboggan with red stripes costs \$29.71. How much more money does she need before she can buy the toboggan?

Bonus : What is a toboggan made out of ?

Answer: \$12.33 **Bonus :** wood

Hunter is visiting Australia with his parents. He is going to run in the Outback. If he runs 4 kilometres each day for a week, how many kilometres will he have run?

Bonus: What is the capital city of Australia?

Answer: 28 kilometres **Bonus :** Canberra

Mr. Stevenson is in Japan for an educational trip. He plans to have sushi for his birthday party. He wants to invite nine people over and he estimates that each person, including himself and his wife will have one serving of sushi each. The sushi restaurant nearby his hotel charges \$3.00 per sushi serving . How much will it cost Mr. Stevenson for his sushi ?

Bonus : What is the capital city of Japan ?

Answer: \$33 **Bonus :** Tokyo

In Canada the best-known groundhog is white-furred, pink-eyed Wiarton Willie. Willie has been making predictions about the weather since 1956. In the USA Punxsutawney Phil has been making predictions since 1887. How many years longer has Phil been predicting the weather than Willie?

Bonus : Wiarton Willie lives in the town of Wiarton. In what province would you find Wiarton?

Answer: 69 years longer **Bonus :** Ontario

Pierre the voyageur went to Fort La Reine to trade for some beaver pelts. He had 5 metal axes to trade. If each metal ax was worth 6 beaver pelts, how many pelts would he get for all of his axes ?

Bonus : What language did the Voyageur speak ?

Answer: 30 **Bonus :** French

Miss Maxwell went to visit the Festival du Voyageur. She saw five rows of snow sculptures. The first two rows had six sculptures each while the last three rows had five sculptures each. How many sculptures were there in total ?

Bonus : What color is a traditional ceinture fl

Answer: 27 sculptures **Bonus :** red

Mrs. Nabe was going on a trip to Japan. She had to buy some Japanese yen to take on her trip. If one Canadian dollar is worth 85 Japanese yen, how many yen would she get for 9 Canadian dollars?

Bonus : What colors are the Japanese flag?

Answer: 765 yen sculptures **Bonus :** red and white

Brittany went ice fishing in the Whiteshell Park for a week. On Monday she caught 2 fish. On Tuesday she caught 3 fish. On Wednesday she caught only 1 fish. On Thursday and Friday she caught the same amount as Monday. How many fish did she catch in total ?

Bonus : What is the French word for Monday?

Answer: 10 fish **Bonus :** lundi

In the town of Lac du Bonnet there are three schools-Centennial, Lac du Bonnet Senior and New Directions. Centennial has 260 students and Lac du Bonnet Senior has 235 students. How many students go to New Directions if the total student population in Lac du Bonnet is 547.

Bonus : Lac is a French word meaning what in English?

Answer: 52 students **Bonus :** lake

For the Lucky Leprechaun fund raiser for the Lac du Bonnet Food Bank room 2 handed in 30 quarters and 50 dimes while room 6 handed in double the total of room 2. How much money was handed in all together?

Bonus : When is St.Patrick's Day?

Answer: \$37.50 **Bonus :** March 17

As Miss Maxwell was traveling in Australia for her class research she met an old swagman who had a big swag.He showed her his swag which was full of eggs.It had more than 12 but fewer than 32 eggs. When you count the eggs by fours, you have three left over. When you count by fives, you have two left over. How many eggs are in this swag?

Bonus : What is the capital city of Australia?

Answer: 27 eggs **Bonus :** Canberra

Chantal was going on a trip to Japan.She learned in class that their money is called the yen.One Canadian dollar is worth about 100 Japanese yen.If Chantal takes 7 dollars , how many yen will she get?

Bonus : What is the official language of Japan?

Answer: 700 yen **Bonus :** Japanese

The three little pigs went out to work on their houses. They walked for hours. Pig 1 walked 3 kilometres, Pig 2 walked 4 kilometres , and Pig 3 had to walk 5 kilometres but he could only make 3 that day . How many kilometres did the three pigs walk altogether?

Bonus : How many metres is one kilometre?

Answer: 10 kilometres **Bonus :** 1000 metres

Jeremy colored 3 dozen Easter Eggs for his Centennial School Easter Egg contest.He colored $\frac{1}{2}$ of the eggs blue with yellow stripes while the other $\frac{1}{2}$ were purple with green stripes. How many eggs were purple with green stripes?

Bonus : If only $\frac{1}{3}$ of the eggs were purple with green stripes ,how many eggs would that be?

Answer: 18 eggs **Bonus :** 12 eggs

For Earth Day room 2 was learning about endangered animals.They learned about the blue whale , one of the world's most endangered whales and the largest animal on this planet.A blue whale calf drinks 120 liters of milk a day. How much milk will it drink in three days?

Bonus :What do blue whales eat?

Answer: 360 liters **Bonus :** krill

After coming down the water spout, the Itsy Bitsy Spider went to the shoe store to buy shoes for herself and her two children.How many shoes did she buy?

Bonus :Can you name another creature that has 8 legs?

Answer: 24 shoes **Bonus :** octopus

Miss Maxwell is thinking of a number between 10 and 30. She says the number is an odd number and the sum of the digits is 9. What is the number ?

Bonus :What is the largest even number between 10 and 30 ?

Answer: 27 **Bonus :** 28

Miss. Stasiuk's class was playing the board game that Ian had designed.At the end of the game, Isabel was 30 points ahead of Carly. Zac was 25 points behind Ian. Carly was 15 points ahead of Ian. Who won the game? In what order did the other players finish?

Bonus :Who invented the board game Monopoly?

Answer: 27 **Bonus :** 28

The grade two class is going on a fieldtrip to Oak Hammock Marsh to celebrate Manitoba Day on May 12. There are 28 students in the class. They are going to Oak Hammock Marsh by car. If each car can take 4 students, how many cars are needed?

Bonus :What is Manitoba's provincial flower?

Answer: 7 cars **Bonus :** prairie crocus

Answer: 43 **Bonus :** 3,244

The great pyramid at Giza measures 146 meters high. Miss Maxwell wanted to climb the pyramid to the top but she only made half way because of the heat. How many meters had she climbed?

Bonus : What Pharaoh had this pyramid built?

Answer: 73 meters **Bonus :** Kufu

For most of the history of Ancient Egypt there was no money, instead, the Ancient Egyptians used a system of barter—trading something of equal value for the object. For example one mat would be worth 10 loaves of bread.

Nafrini was sent to the market to get some items for her mother. Nafrini managed to pick up 2 litres of oil, 1 sack of wheat and a mat. How many loaves of bread did she trade for those items?

1 litre of oil	10 loaves of bread
1 sack of wheat	20 loaves of bread
1 bundle of vegetables	5 loaves of bread
1 basket	40 loaves of bread
1 shirt	25 loaves of bread
1 mat	10 loaves of bread
1 goat	25 loaves of bread

Bonus : If Nafrini got a goat as well, how many loaves would she have given in total?

Answer: 50 loaves **Bonus :** 75 loaves

Jesse bought a new shirt for his father for Father's Day. The shirt cost \$14.92. Jesse gave the clerk a twenty-dollar bill. How much change did he get?

Bonus : If Jesse paid with a fifty dollar bill, how much change would he get back?

Answer: \$5.08 **Bonus :** \$35.08

Kanysha was putting her collection of postage stamps into a scrapbook. She put one stamp on the first row. She put 3 stamps on the second row. She put 5 stamps on the third row. How many stamps do you think Kanysha will put on the next row if she keeps up this pattern?

Bonus : Is this number odd or even?

Answer: 7 **Bonus :** odd

Miss Maxwell planted a special row of 30 flowers to celebrate Canada Day. The first flower and every other one after that one were red. The rest of the flowers were white. What color is the 12th flower?

Bonus : When did Canada become an official country?

Answer: white **Bonus :** 1867

Derrick bought a new pencil for summer story writing. It was 18 centimeters long. After 2 weeks, his pencil was only half as long. How many centimeters was Derrick's pencil then?

Bonus : After 3 weeks his pencil was only a third as long. How many centimeters was it then?

Answer: 9 cm. **Bonus :** 6 cm.

Luke was invited to go to the new Superman movie in Winnipeg. He paid \$8 for admission, \$3.50 for popcorn and \$2.50 for a drink. If he paid for everything with a 20 dollar bill how much change would he get back?

Bonus : How many quarters would it take to make \$20?

Answer: \$6 **Bonus :** 80 quarters

Since it was so hot Sydney went to Grand Beach with her parents. Sydney is trying to count all the children on the beach. There are so many of them! She will count them in groups by the color of their bathing suits. Then she will add the groups together to find out how many children are on the beach. There are three children wearing blue suits, fourteen children wearing red suits, eleven children wearing pink suits, six children wearing yellow suits, and thirteen children wearing other colors. How many children are on the beach in all?

Bonus : If there were double the number of children, how many would there be?

Answer: 47 **Bonus :** 94

Getting ready for summer camp at Falcon Lake James bought 2 packages of crayons for 59 cents each. He also bought one package of crayons for 45 cents. How much did James spend?

Bonus :What are crayons made out of ?

Answer: \$1.63 **Bonus :** wax

Every week in the summer the Lac du Bonnet Public library has a special reading challenge. This past week Jessica has read 3 books. Jillian has read 4 more books than Jessica has read and Emma has read double the books that Jillian has read. How many books has Emma read?

Bonus :How many books has Jillian read?

Answer: 14 **Bonus :** 7

Dylan and his parents went to Gimli for a trip to the beach. Before lunch Dylan looked for seashells where he found 56 seashells. After lunch he looked some more and found 21 seashells. How many shells did he find in total?

Bonus :If you double this number what will you get ?

Answer: 77 shells **Bonus :** 154 shells

I am 900 more than the greatest possible 4-digit even number that can be made using the digits 1, 4, 2, 5. What number am I?

Mrs. Diaz wrote the number 46, 152, 780. The answer is 6,000,000. What is the question?

I am a number between 149,000 and 150,000. My tens digit is 7 more than my ones digit. The sum of my tens and ones digits is 9. What number am I?

On Friday, there were 2,999 people at the aquarium. On Saturday, there were 1,465 people. Use mental math to find how many people were at the aquarium during the two days. Explain your strategy.

A roller coaster has 12 cars. Each car holds 3 people. Fifty people are waiting in line for the next ride. How many of the people in the line will not get on the next ride?

Find a number that has 2, 3, 4, 5, and 6 as factors. Show the method you used to find the number.

Babs says that $\frac{3}{4}$ and $\frac{3}{8}$ are equivalent fractions based on the model she made. Describe and correct her error.

Margaret needs 30 cups of juice. She bought a gallon of orange juice, 2 pints of grape juice, and 3 quarts of cranberry juice. Did she buy enough?

Jared has a poster that is 3 feet long and 2 feet wide. He has a fram that is 3 feet long and 3 feet wide. Draw a diagram to show whether Jared's poster will fit inside his frame.

Most hot air balloons fly at a height of around $\frac{1}{4}$ mile above the ground. How many feet is this?

Betsy will choose a frozen yogurt flavor and a topping for her sundae. She can choose lemon, vanilla, or peach yogurt and cherry or mut topping. How many different sundaes can Betsy make?

Winnie is playing a game at the fair using a 3-part spinner labeled 1, 2, and 3. If here total for two spins is greater than 4, she wins a prize. Show all the possible outcomes of the two spins and find the ways that Winnie can win a prize.

A furniture store sells sofas made of vinyl, leather, or cloth. Each kind of sofa comes in green, blue, or black. Make an organized list. How many sofa choices are there?

Five students played basketball. Bob, Mike, and Jill scored 8 points each. Lynn scored half as many points as Chris. The total number of points scored was 54. How many points were scored by Lynn and Chris.

When you toss a number cube labeled 1 to 6 and toss a coin, what is the probability of getting heads and a 5?