SEPTEMBER - GRADE FOUR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Create a number sentence that includes any operation and equals 200.	In my pocket I have $36.00. What bills might I have?.	Can you find two objects that have the same mass but are a different size?	How many students are in your class? Is that an even or odd number? Write a number sentence to show the number of boys and girls in your class.	What is the MEDIAN (middle value) of the following numbers: 6,7,8,9,10,11,12,13,14?
Use the digits 2, 9, 6, 4 to create as many numbers as you can with a value between 5000 and 8000. Order from greatest to least.	Create a number pattern using addition. Have someone write your pattern rule.	What is the MEDIAN of the following numbers: 2,4,6,8,10,12,14,16,18?	If you get one dime on the first day of the week and you get double the amount each day, how much money would you have by the end of the week?	Start with the number 100. Create a number pattern using subtraction. Have someone guess your pattern rule.
Make a tally of the number of dishes you have in your cupboard. What categories will you use?	If you have 3 toonies, 2 loonies, 2 quarters, 1 dime, and 3 nickels, how much money would you have?	How many times do you have to subtract 20 from 100 to get to zero?	Survey friends and family to find out what month they were born. Organize the information so it can be shared with others.	Find 5 things in your house that can be bought for less than $5.00 each.
Create a number pattern that grows. Write your pattern rule.	Find an example of a chart, table or graph. Discuss the data.	How many times can you subtract 5 from 100 to get to zero?	Find 10 things in your house that can be purchased for less than $5.00 each.	Describe the pattern rule: 2, 4, 7, 9, 12, 14

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OCTOBER - GRADE FOUR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Find numbers in your house with hundreds and thousands written in words.	Use the numbers 5, 1, 9. Use 9 as the tens digit and make 2 different numbers.	Continue the pattern. 18, 36, 54, __, __, __ What is the pattern rule?	Create a number sentence that uses addition and subtraction and is equal to 60.	Find an example of a graph in a newspaper or magazine. What information does it give you?
How many nickels are in $5.00.	Pick a two digit number. Using a calculator multiply by 2 each time. Write the pattern.	Pick a single digit number. How many times can you double it before reading 50.	Write the numbers 15 to 25. Which of these are even? What is their sum?	Describe the pattern rule: 50, 40, 35, 25, 20
Draw 827 using base-ten blocks.	Write the numbers 20-35. Which of these are odd? What is their sum?	Put these numbers in order from smallest to largest. 34, 64, 26, 67, 304	Round 287 to the nearest hundred.	Look for repeating patterns in the schedule for television programs.
Write the value of each digit in 2728.	Roll a number cube. Use the numbers rolled to make a pair of 3-digit numbers. Make a subtraction sentence.	Create a number pattern. Have someone explain your pattern and tell you a patterning rule.	Janie estimates that $49.00 plus $27.00 is approximately $75.00. Is her estimation resonable? Explain.	Pick a single digit number. Double the number and add one. How many times can you double and add one before you reach 100.

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NOVEMBER - GRADE FOUR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
How many sides does a pentagon have?	Create a multiplication story using the numbers 6 and 5.	Create a division story using the numbers 27 and 3.	STOPPED HERE Count forward by 10s. How far can you count?	Pick a three-digit number less than 300. To make 300, what would the other part be (*e.g.*, for 125, the other part is 175)?
What error was made solving this question? 46 + 27 = 63 What is the correct answer?	Pick a number. Multiply it by 0. What happens?	Make note of the time	You have saved $35. Each week you save $4 more. How long will it take you to save at least $58?	Write the number 742 in expanded form.
Round each number to the nearest 10: 482 56 385	Count a handful of coins.	How are the numbers 5, 50 and 500 the same, and how are they different?	There are 10 crayons in a box. How many crayons are in 5 boxes?	Draw a picture for 3x4
Measure 3 different objects in cm.	How many meters are in 1 kilometer?	Five teams are to play in a tournament. Each team plays every other team once. How many games will there be?	Take turns rolling a number cube. Multiply the number you get by 1 and 10. The person closest to 100 wins.	Look at the time. What time will it be in 10 minutes? In 20 minutes? In half an hour?

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DECEMBER - GRADE FOUR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Find something that is about 10 cm wide. Draw it.	Fill in the missing numbers 42, 38, 34, 30, _, _, _	Find and list things around the house that are symmetrical. Sketch and draw the line of symmetry.	Look at the buildings on your street. What shapes can you find represented there?	Count by 3's. 103, 106, 109.....199. Record your counting.
If Jody puts 2 rocks in her collection on the first day, 5 on the second and 8 on the third, how many will she have on the 7th?	Is this a fair trade - 5 toonies for ten dollars? Explain.	Sort your socks in at least 3 2ays. Draw a picture of how you sorted.	A farmer plants beans in May. On Monday, 5 had sprouted. On Tuesday, there were 10. How many will there be on Sunday?	You have 9 coins that total $1.00. Name the coins.
Trace your hand on paper. Estimate and measure the perimeter of the tracing.	Write 5 equations where the sum is equal to 20.	Write the following numbers in words: 63 92 47	What is the missing number in the equation? ___ - 18=22	Pick a single-digit number. How many times can you double it before reaching 100?

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JANUARY - GRADE THREE

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
What is the difference between 49 and 726?	Do the numbers 0-9 have a line of symmetry?	Make a list of products in your house that are in 1 litre containers.	Estimate how long your bed is?	If you have 1 metre of string, what different size rectangles could you create with it?
If you have 58 stickers to share with 7 friends, how many stickers could each friend have?	Find examples of acute, right and obtuse angles in your home. Record your findings.	The answer is 220. What might the question be?	Which is smaller 1/2 or 0.8? Explain how you know.	Find and draw 5 different 3D shapes in your house.
A game costs $14.30. You pay for it with a $20.00 bill. How much change will you get?	What is the perimeter of your room?	Marko plants 4 rows of flowers with 9 in each row. Tom plants 3 rows of flowers with 7 in each row. Who plants more?	It is 5:13. How much time is left before 7 o'clock?	How many ways can you use multiplication to make 16? 20? 60?
Chris wants to make a frame for his painting. Should he find the area of the perimeter of the painting?	Find 3 sets of congruent shapes in your house.	Write and solve your own division story.	True or False? 2x17 is equal to 2x10 plus 2x7? Explain your thinking to someone.	Write the value of each digit in the number 8354.

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FEBRUARY - GRADE FOUR

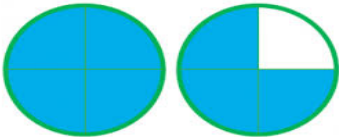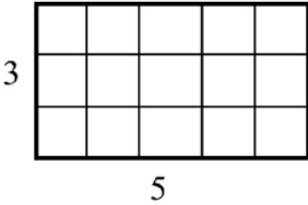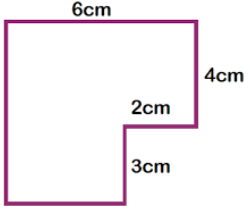| MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Multiply the following numbers by 100: 2, 11, 28, 34. What happens to the numbers when you multiply by 100?	Anna has 3 quarters, 2 loonies, 1 toonie, and a 5-dollar bill. She wants to buy lunch for her mom. It costs $12. How much more money does she need?	Draw a rectangle with a length of 30 cm and width of 10cm.	How many different rectangles can you make with an area of 18cm²?	Use mental math to solve the equation 8x13.
Make a cube using any materials.	You have 2 pieces of rope. Together they measure 120 cm in length. If one piece is 52 cm long, how long is the other?	Write your name in capital letters. What letters have a line of symmetry?	What does a pattern look like if you subtract 6 each time?	Start with 50. Create a number pattern using subtraction. Have someone guess your patterning rule.
How are a parallelogram and a trapezoid the same? How are they different?	Susan drew a rectangle with a length of 5cm and a width of 4cm. If she doubled the length and width, woult the rectangle have double the perimeter?	The answer is 12. List 10 possible questions.	Make a list of things that happen after school at home. Put on e of the words, impossible, likely, unlikely, certain - beside it.	Count backwards from 100 to 50 by 2's and 3's.
How many different 3 digit numbers can you make with the digits 6, 2 and 8. List them in order from greatest to least.	How many metres in 2 kilometres?	Roll a number cube 4 times. Use the numbers to make two 3-digit numbers and then make a subtraction sentence.	What error was made solving this question? 510 = 852 - 362 Correct the equation to make it true.	Pick a single-digit number. How many times can you double it before reaching 1000?

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MARCH- GRADE FOUR

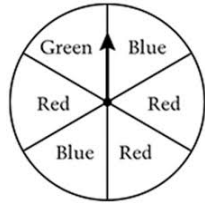| MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Describe the difference between a prism and a pyramid. Find an example of each in your house.	You are planning to serve cake to 40 people. How many cakes will you need to buy?	Write the next three numbers: 45, 42, 39. What is the pattern rule?	Write a numeral for the following number words: ninety-nine thousand, nine hundred one	What is the greatest 3-digit number you can add to 275 without having to regroup any place value?
If you rolled a number cube 20 times, how often do you think you would roll a 5? Test your hypothesis.	Find a game that has a spinner. How many different places can the spinner land on? Is it fair?	Find two 3 digit numbers with a difference greater than 34.	How old are you in years, months and days?	You do not have a protractor. How can you figure out if an angle is acute or obtuse?
Explain when it would be useful to know a perimeter measurement.	How old are you in years, months and days?	Find and list items in your house with g and kg on them. Order them from smallest to largest.	How many hours in a day? How many hours in a week?	Determine the missing number in the equation: 24 x ___ = 48
Draw a triangle with a perimeter of 12cm. Now draw a square with the same perimeter.	Pick a number, double it, add 15, double it again, subtract 6, divide it by 4, and subtract 2. What is the number you get?	Ask another member of your family to add 789 and 516. Compare strategies.	Think of a 3D solid. Play 20 questions with a partner to identify the solid you selected.	Play Rock, Paper, Scissors 10 times with a partner. What is the likelihood you will win? Explain.

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APRIL- GRADE FOUR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
The length of a football field is closest to which measurement: 20cm, 100m or 1km?	It is now 5:10. Mohamed started playing at 4:25. How long has he been playing?	How many edge and vertices does a pentagonal prism have?	How many rolls of a number cube do you think it will take to roll each of the numbers from 1 to 6? Try it.	What fraction is greater: 4/7 or 3/8? How do you know?
Find the **median** of the following numbers: 7, 9, 13, 14, 26	What does the **denominator** (bottom number) of a fraction tell you?	Find the shape that is ¾ coloured in?	Round 309 to the nearest hundred.	What does the **numerator** (top number) of the fraction tell you?
Add up the value of a handful of coins.	Fred, Frank, and Phil have less than 10 oranges and more than 3 oranges. They share the oranges evenly? How many oranges do they have?	Look in your cupboard. Record all the different units of measure you can find. What do you notice?	Two fractions have the same denominators, but different numerators. How can you tell which fraction is greater?	Think of a 3D solid. Play 20 questions with a partner to identify the 3D solid you selected.
Sort your socks in 2 different ways. Tell your sorting rule.	If you are baking, what unit of measure would you use to measure flour?	What is ¾ of 8?	Change the following from hours and minute to minutes: 2 h 50 min	Name an even that is: impossible likely unlikely certain

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MAY- GRADE FOUR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Make a list of 10 family members or friends. what fraction wear glasses?	How many decades old is Canada?	Count the number of weeks until your next birthday.	What is the missing number in the equation below... 6 x ___ = 42	How old will you be in 2030?
Look at the 7 day forecast. What is the mode for the expected daily high temperature?	You have $2.41. Name the coins and how many of each.	What do division and subtraction have in common?	Fill in the missing numbers: 35, ___, 39, ___, 43	Write down all the multiplication facts that have 30 for a final answer.
How many vertices in a hexagonal prism?	Write a mixed and improper fraction:	Roll a number cube 6 times. Use the numbers rolled to make two different 4-digit numbers and then make an addition sentence.	What is the area of the following:	What is the perimeter of the following:
Round each number to the nearest 100: 526 1285 479	Tim's daily allowance is $5.25. His mom gave him 4 coins. Which coins did she use?	Create a number sentence that uses addition and subtraction and is equal to 322.	How many minutes are in ¼ hour?	Anla has $25.00. He wants to buy a shirt for $14.95 and pants for $16.80. How much extra money does he need?

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JUNE - GRADE FOUR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Pick a three-digit number less than 300. To make 300, what would the other part be (*e.g.*, for 135, the other part is 165)?	Mr. Smith has 10 oranges. He gives away ⅗ of the oranges. How many did he give away? How many did he keep?	You put 15 cents in your piggy bank each day. How many days will it take you to save $2.00?	A box holds 6 cans. 2 ⅙ boxes holds __ cans. 3 ⅙ boxes hold __ cans.	Draw a box of coloured gumballs where the probability of picking a red gumball is… a) impossible b) likely c) unlikely d) certain
Use the digits 2, 8, 6, 3 to create as many numbers as you can whose value is between 4000 and 6000.	Choose 3 numbers to add. Write a story problem using your numbers.	What error was made solving this question? 381 = 716 - 424 Correct the equation to make it true.	What colour are you most likely to land on? (spinner: Green, Blue, Red, Red, Blue, Red)	Flip a coin 30 times and keep a tally of the number of heads and tails.
p 12 steps with muddy shoes. Sam steps on every 3rd step and Kiana steps on every 4th step. Which steps have both of their footprints on them.	The answer is 81. Use 2 or more operations to create a question.	Sam ran very fast for 421 seconds and then very slowly for 632 seconds. How many seconds did she run altogether?	Write the place value of the underlined digits. 1<u>3</u>540 25<u>6</u> 4<u>6</u>36	An apple weighs 140g. What is the mass of 4 apples?
How many days in 6 years? How many weeks?	What is the missing number in the equation? 130+ ____ = 267	Pick a single-digit number. How many times can you double it before reaching 500?	Draw a picture that shows symmetry.	Ann wants to put 97 hockey cards into a scrap book. A page can hold 9 cards. How many cards will she need?

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