

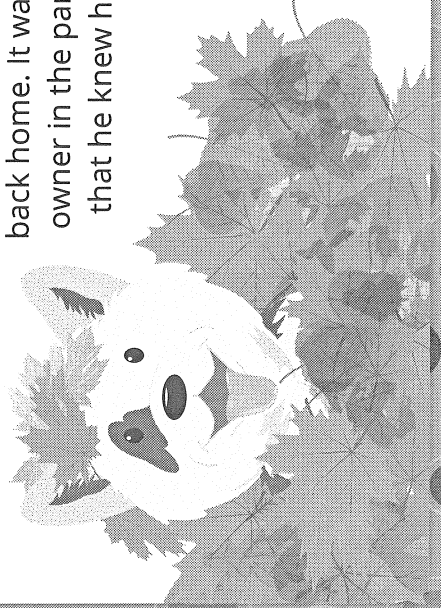
Bruno's Big Adventure

It was just an ordinary Thursday. All of the Williams family had gone to school or to work. Bruno the dog was once again left on the back porch to watch the clouds pass by. As Bruno lay looking up at the clouds, a big gust of wind blew over. Bruno went into the yard to investigate. To his amazement, the side gate had flung open!

"I know I'm not meant to go out there," Bruno thought to himself. "But if I just have a little wander and not go too far from the house, I can be back before anyone knows that I'm gone!"

Bruno remembered his way to the park. When he got there, another dog was rolling around in the leaves. "That looks like fun!" Bruno thought to himself, so he joined in with the other dog.

Bruno was having so much fun in the park with his new friend that he had forgotten to go back home. It wasn't until he saw his owner in the park, holding his lead, that he knew he was in trouble!



Bruno's Big Adventure

1. All of the Williams family had gone out, so
 - a) Bruno was left on the back porch.
 - b) Bruno opened the gate.
 - c) Bruno went to sleep.
2. What caused the gate to open?
3. The gate was open, so
 - a) Bruno watched the clouds.
 - b) Bruno closed the gate.
 - c) Bruno went to the park.
4. Why was did Bruno's owner go to the park?

CRAZY CREATIVE CHALLENGE

Use a comic strip to write the end of Bruno's Big Adventure.

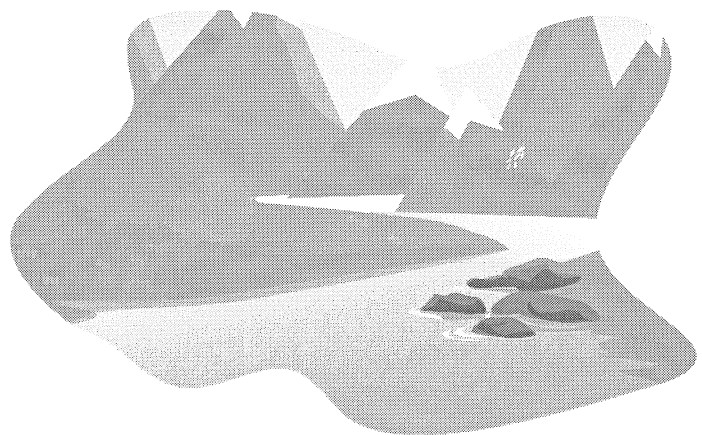
- What will happen to Bruno?
- How many boxes will you use?

10. Sandy needs 14 ml of milk to make one cupcake. How much milk does she need to make 45 cupcakes?



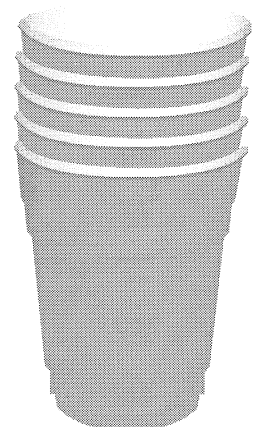
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11. 9 friends were paid \$385 to clean up the local lake. How much does each person receive?



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12. You are holding a party and you will need 35 cups. Is it better value to buy a packet of 40 cups for \$8.00 or 7 packets of 5 cups for \$1.20 each?



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Written methods – subtraction

	H	T	U
	9	8	¹ 4
–	2	7	8
	7	1	6

First we estimate: $1000 - 300 = 700$

We start with the units. We can't take 8 away from 4 so we must rename one of the tens as units. We now have 14 units.

14 subtract 8 is 6 so we put the 6 in the units column.

8 tens subtract 7 tens is 1 ten so we put a 1 in the tens column.

We subtract the hundreds. 9 hundred subtract 2 hundred is 7 hundred. Put a 7 in the hundreds column.

We check the answer against our estimate.

1 Complete the subtraction problems:

e:

a

	Th	H	T	U
	4	9	8	2
–		1	5	3

e:

b

	Th	H	T	U
	2	9	5	1
–		8	7	8

e:

c

	Th	H	T	U
	3	8	7	2
–		5	8	6

When a problem asks us to find the difference, we subtract. We always start with the larger number.

Showtown	4129 km	Tidings	1233 km
Normanville	3262 km	Ringer	7869 km
Roper	7419 km	Harpville	486 km
Ace Bay	1226 km	Eagle Bay	595 km

2 Solve these to find the difference problems:

a How far from Showtown to Ringer?

	Th	H	T	U
–				

b What is the distance from Normanville to Tidings?

	Th	H	T	U
–				

c What is the distance from Roper to Eagle Bay?

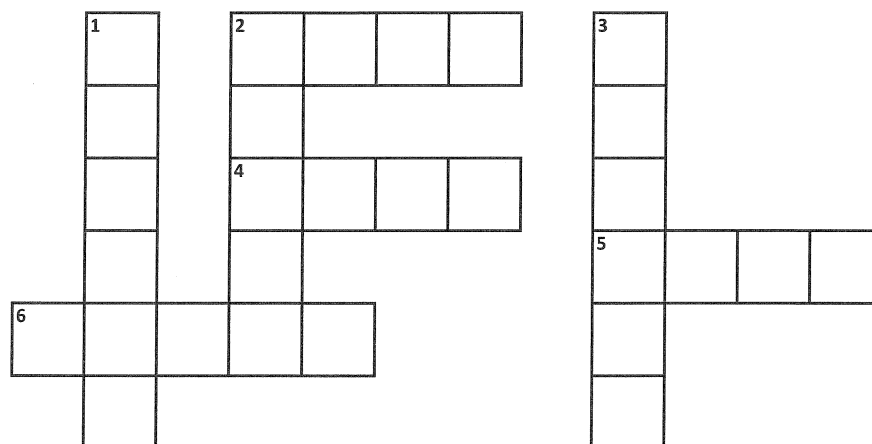
	Th	H	T	U
–				

d How far from Normanville to Ace Bay?

	Th	H	T	U
–				

Written methods – subtraction

- 3 Use a calculator to add each group of numbers. Turn your calculator upside down to see a word on the screen. Use the key below to help you identify the letters. Write each word in the correct place in the crossword puzzle.



CLUES

Across

2. $3\ 025 + 1\ 589 =$ _____
 4. $4\ 456 + 1\ 207 =$ _____
 5. $2\ 776 + 2\ 861 =$ _____
 6. $12\ 824 + 32\ 251 =$ _____

Down

1. $34\ 569 + 342\ 047 =$ _____
 2. $20\ 786 + 36\ 548 =$ _____
 3. $456\ 789 + 120\ 556 =$ _____

Key

0	1	3	4	5	6	7	8
O	I	E	H	S	G	L	B

- 4 The answer is 42. What could the missing numbers be? Come up with 5 possibilities:

	H	T	U
-			
		4	2

	H	T	U
-			
		4	2

	H	T	U
-			
		4	2

	H	T	U
-			
		4	2

	H	T	U
-			
		4	2