

Year 5
Remote
Teaching
Booklet 1

Homework

Week: 1

Reading

Write a sequel for a book you have read.

Create multiple choice quiz questions for a book you have read.

Writing

Write a factual description of a planet in the solar system.

Write an information report about a plant of your choice.

Measurement and Geometry

Measure and record the mass of each person in your family. Order the family members from lightest to heaviest.

Measure the temperature in your home each morning for a week. Use a conversion app to convert each measurement from degrees Celsius to degrees Fahrenheit.

Statistics and Probability

List all the possible outcomes for winning a game of 'Scissors-Paper-Rock'. Play a game with a member of your family and tick each outcome as it occurs.

Write down each of the colours in a small box of Smarties. Use fractions to show the possibility of choosing each colour.

Language/Vocabulary

Many words are overused in writing. Some of these include: *happy, big, went, great, like*. In a table, list at least 5 more interesting synonyms for each of these words.

Choose a topic that interests you. Write a brief factual paragraph about this topic, then write a brief imaginative paragraph. List some differences that you notice between the two texts.

Number and Algebra

Show all the pairs of factors for the numbers 36, 32 and 24.

Draw a visual representation of all the different arrays for the number 48. Write a number sentence to accompany each array.

Earth and Space Sciences

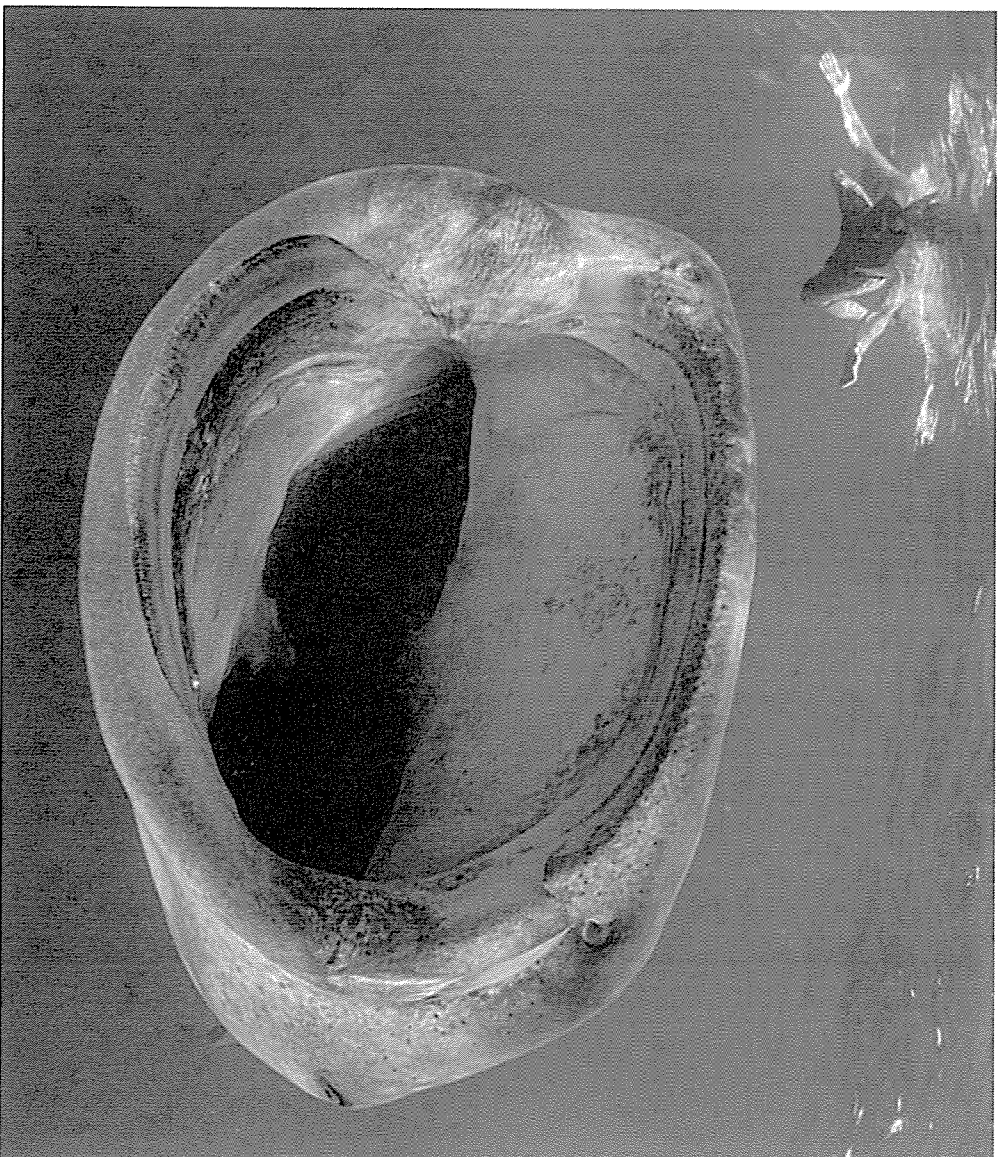
Research the length of one day on each planet in our solar system. Order the planets from the shortest day to the longest day.

The Arts

Imagine you are playing the role of a superhero in a drama. Create a mind map showing how you would use your voice, face and body to portray this character.

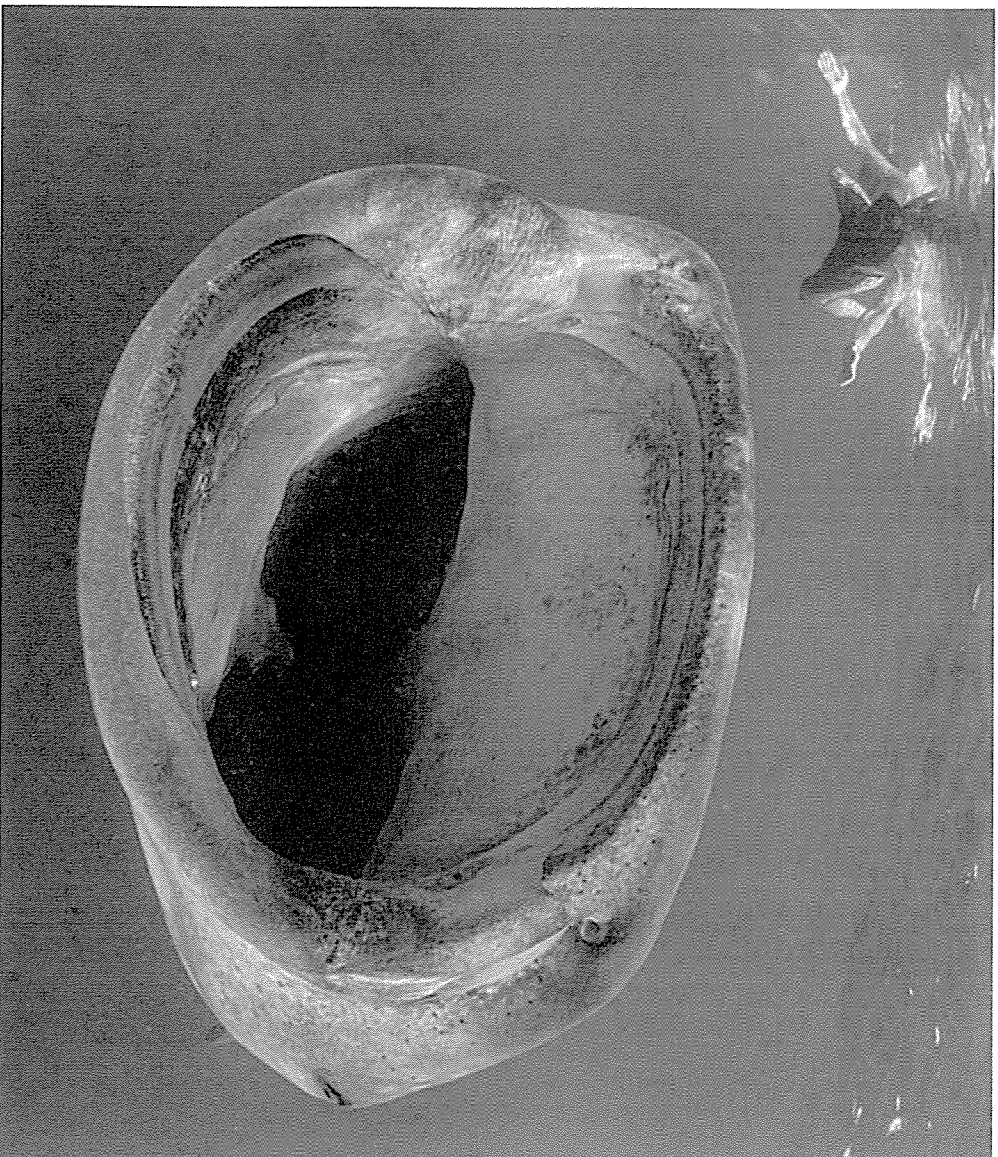
Story starter!

He was having such a fabulous time just calmly swimming along through the warm, blue water. Little did he know, something was lurking just beneath him...



Question time!

- ▶ What creature can you see in the picture?
- ▶ How many people can you see?
- ▶ How do you think the person in the picture is feeling?
- ▶ What might happen next?
- ▶ What other creatures might live in the ocean nearby?



Perfect picture!

Look carefully at the photograph and imagine you could zoom out. What might be happening just underneath the shark/beside the man/close to them in the water? Write or draw what you think!

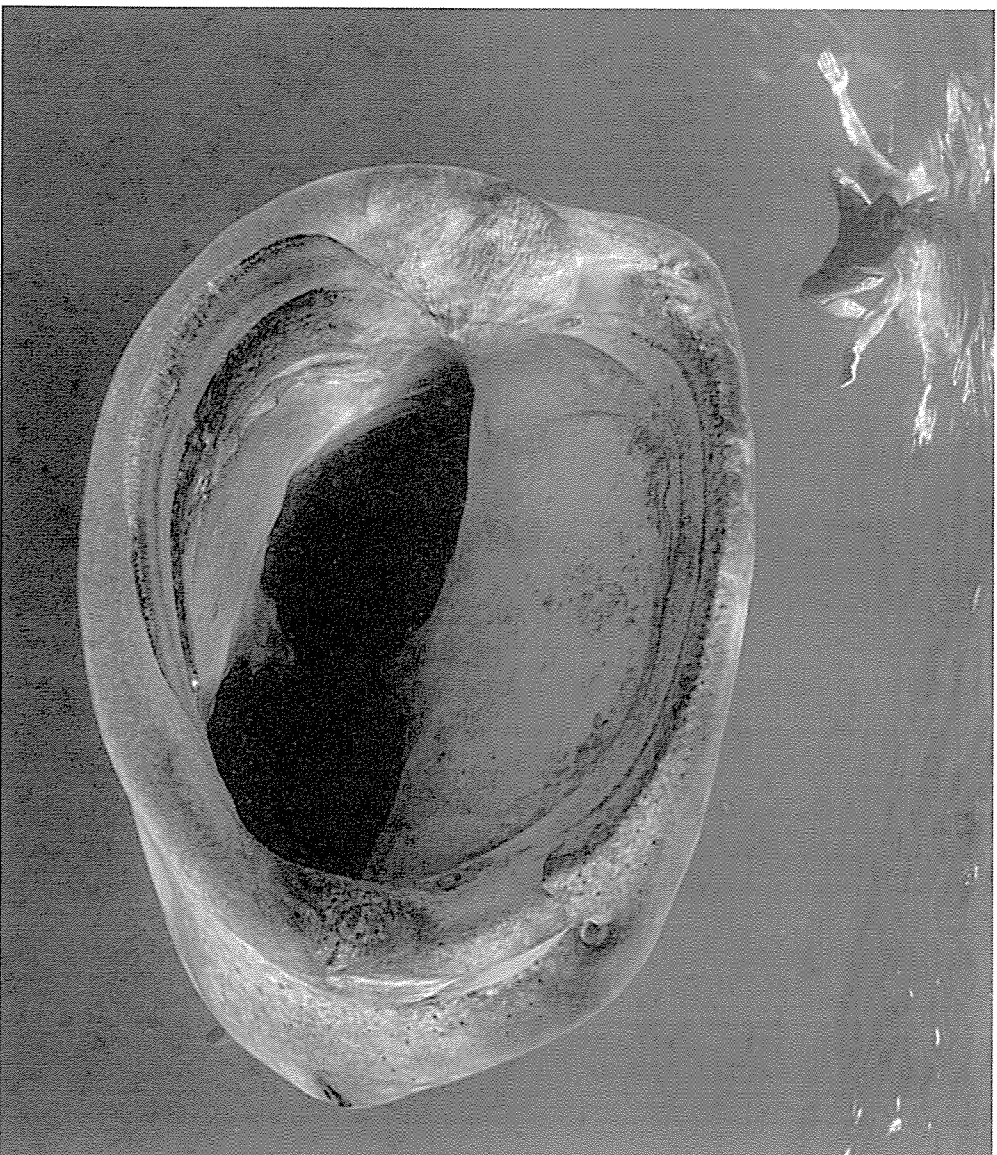


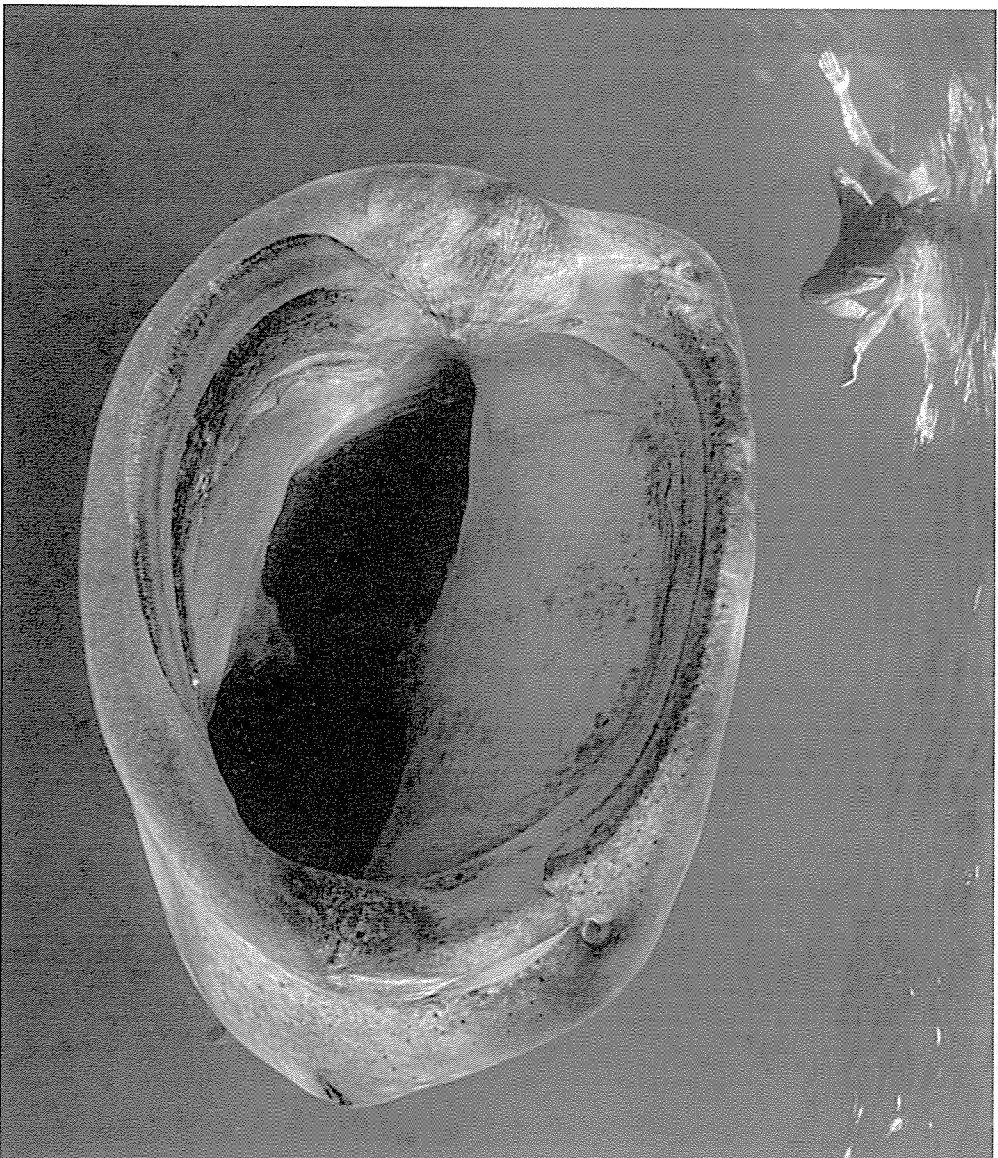
Image by: Simon Pierce, One Big Photo

Sentence challenge!

Using your senses is a great way to make your writing exciting!

Imagine you could hear what was happening in this picture. Which 'sounds' words would describe what was happening? (eg. splash, gurgle...)

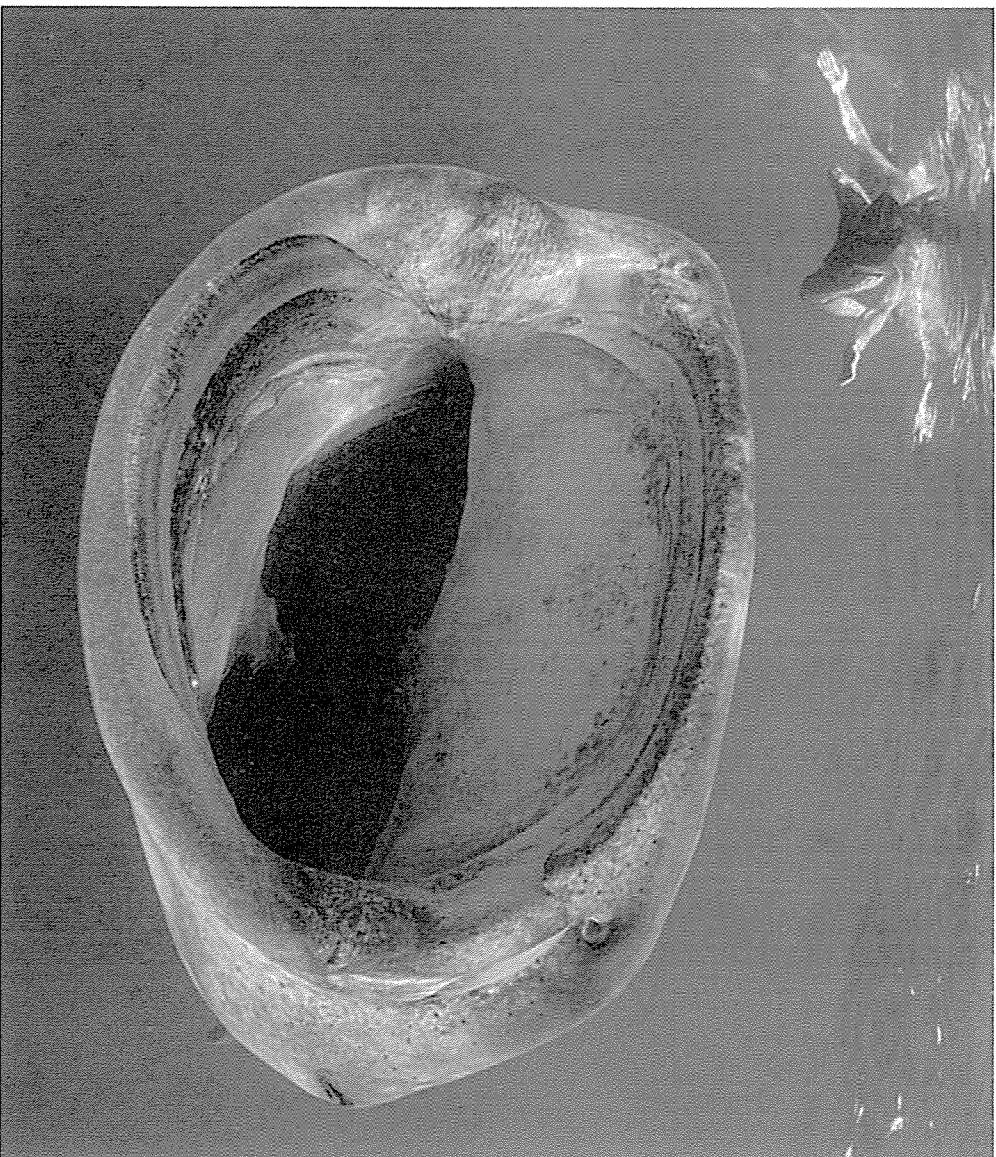
Imagine you could feel the water and the whale. What describing words would tell the reader what they both feel like?



Sick sentences!

These sentences are 'sick' and need help to get better. Can you help? You might be able to use some of the words you have thought of for number 1!

- ▶ The man was swimming next to the big fish.
- ▶ The big fish was swimming in the sea.

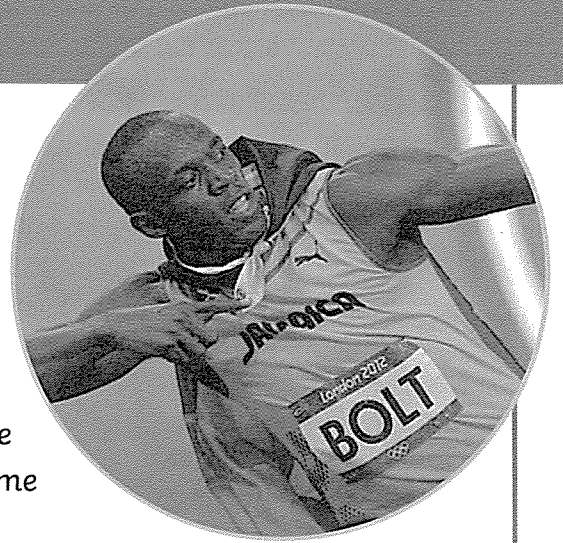


Usain Bolt

Biography

So, how do you become the best sprinter of all time?

Usain St. Leo Bolt once said, 'When I was young, I didn't really think about anything other than sports.' Whilst at secondary school, Usain focused on sprinting, which led him to win his first High School Championships medal. Since then he has set new world records, overcome injuries, won many medals, become a hero in his home country of Jamaica and he hasn't even finished yet!



Usain was born on 21st August 1986, in Jamaica. As a child, he really enjoyed playing football and cricket.

Bolt took part in his first race whilst at primary school, however, at that time he preferred playing cricket. In an interview, he once said that if he hadn't become a sprinter, he would have loved to be a fast bowler like his cricketing hero, Waqar Younis.

At high school, Usain focused on sprinting and won his first silver medal in the 2001 High School Championships. His talent caught the eye of former Jamaican Olympic sprinter Pablo McNeil, who went on to become his coach. Pablo would sometimes get frustrated with Bolt as he didn't always take his training seriously and liked playing practical jokes.

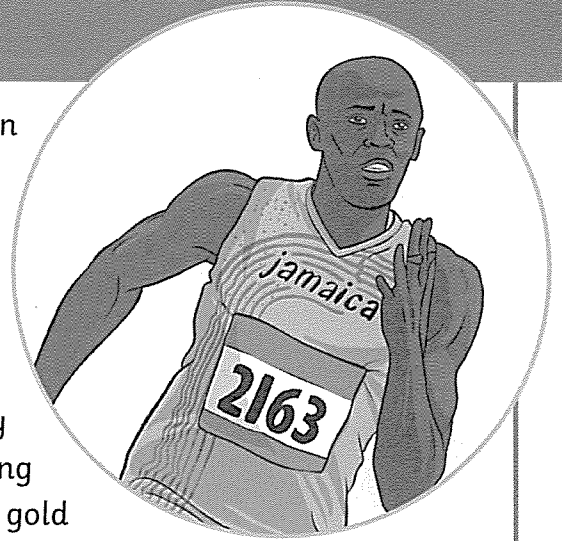
The 2001 World Youth Championships was Usain's first appearance on the world stage. He didn't win any medals but he did set a new personal best in the 200m race. The World Junior Championships came next and it was here that Bolt became the youngest World Junior gold medallist.

Olympic Games	Event	Medals
2008 Beijing	100m, 200m, relay	Gold
2012 London	100m, 200m, relay	Gold

Photo courtesy of drcliffordchoi (@flickr.com) - granted under creative commons licence - attribution

Usain Bolt

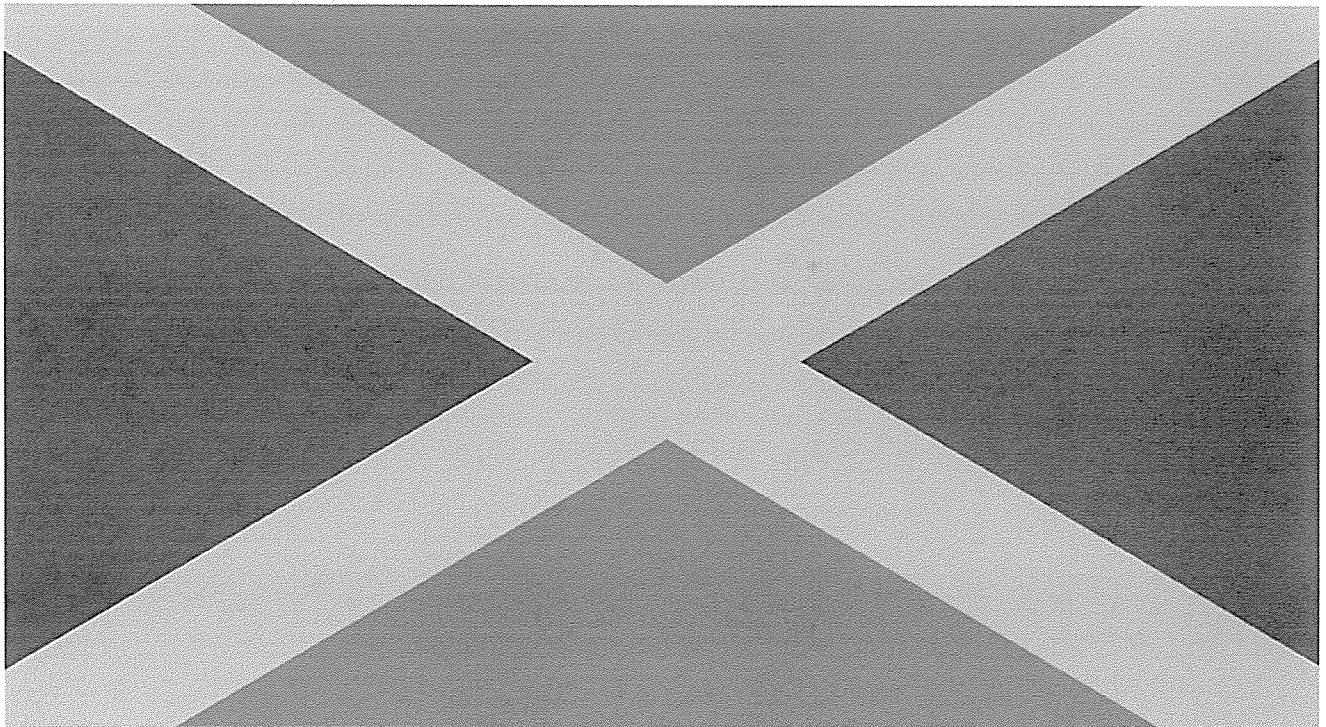
In 2004, Usain became the first junior sprinter to run 200m in under 20 seconds. It was then that he turned professional and was given a place on the Jamaican Olympic team. He went to the Olympic Games in Athens in 2004 but a leg injury stopped him from winning any medals.



As the years passed by, Usain took his sport more seriously and began to train harder to win events. At the 2008 Beijing Olympic Games, he broke more world records and won gold in the 100m, 200m and relay events. This was followed by the World Championships in Berlin, where he improved his times even more.

Bolt competed in the 100m, 200m and relay at the London 2012 Olympic Games and won gold in all three events again. After the races, a fellow runner said, 'There's no doubt he's the greatest sprinter of all time.'

Usain continues to be a successful sprinter but plans to retire in 2017. He is nicknamed 'Lightning Bolt'.



Usain Bolt Comprehension

Try to answer the questions using full sentences.

1. When and where was Usain born?

2. True or False – Usain didn't win any medals at the 2001 World Youth Championships but he did set a personal best time in the 200m race.

True	False

3. What did Usain become the first junior sprinter to do in 2004?

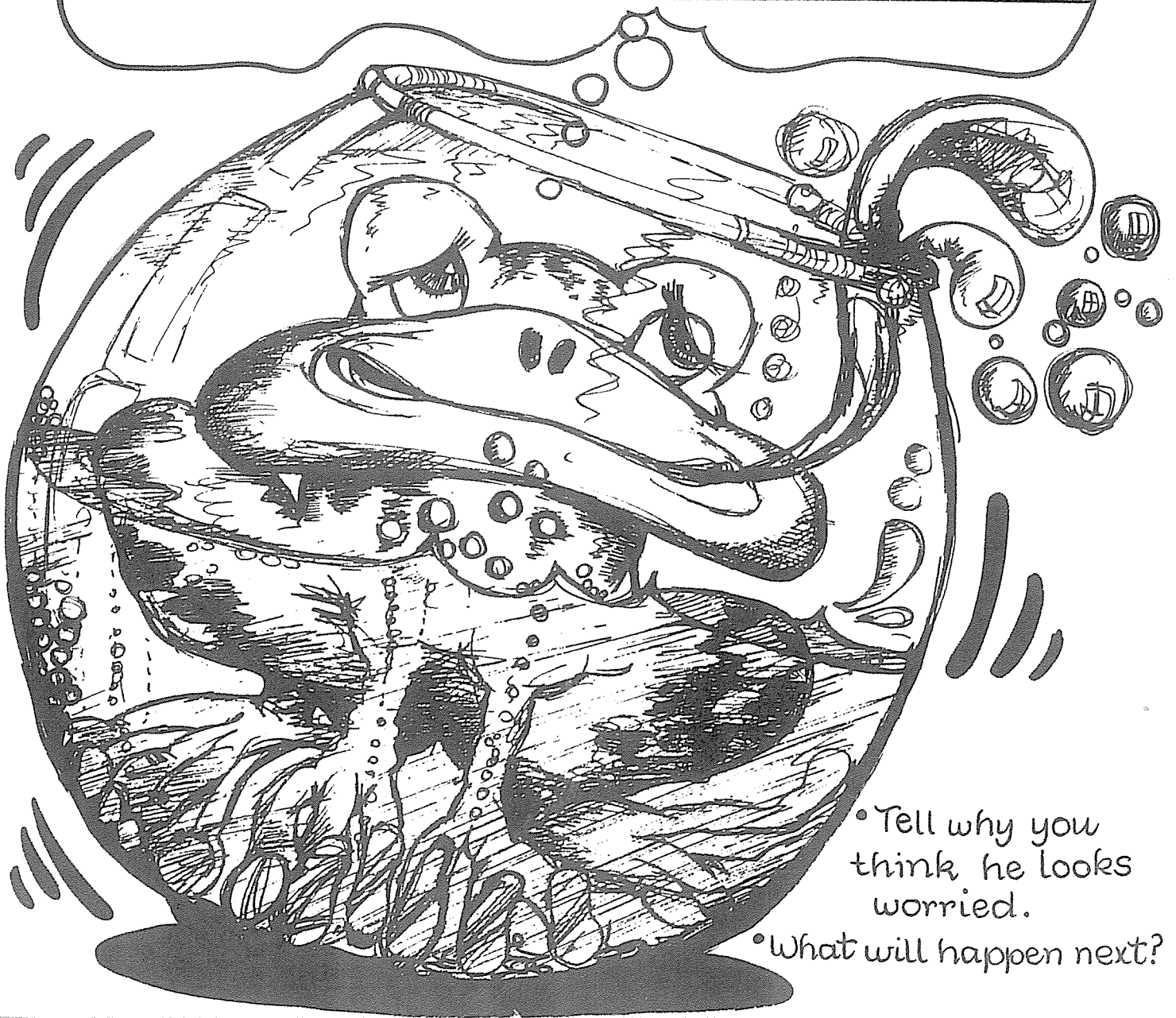
4. How do you think Bolt felt when he was chosen to represent his country in the Olympic Games?

5. What is his nickname?

6. How many gold medals did Usain win in the 2008 and 2012 Olympic Games?

7. How do you think Usain feels about competing in the 2016 Olympic Games in Rio?

A large, rounded rectangular area with horizontal lines, intended for writing a response.



- Tell why you think he looks worried.
- What will happen next?

Correcting Spelling Mistakes 1

The spelling mistakes in these sentences have been circled. Write the correct spelling for each circled word in the box.

1. The athleet won gold at the sports carnival.
2. I felt nervus as I waited for the race to start.
3. He sat down in a cumftabul armchair.
4. Sarah carefully opened the treshure chest.
5. He made a good choise.
6. She caught a tropical diseese and had to go to the hospital.
7. I shouted lowdly at the referee.
8. The sercumfrense of the circle was 18 centimetres.

Each sentence has one word that is incorrect. Write the correct spelling of the word in the box.

1. She stagered around feeling dizzy and confused.
2. It was a perfict day at the beach.
3. I heard an incredible story on the news about a boy surviving an explosion.
4. You will recieve a certificate if you complete the course.
5. Many people spend their holidays in foreign countrys.
6. The man cheerfully wistled a familiar tune.
7. I wondered happily through the ancient house.
8. It is important to have confidents in your own abilities.

Sounding the Same

Find homophones of these words:

T	S	T	E	A	L	O	W	K	L	E	N	R	E	K	W
P	A	O	P	R	A	E	P	L	A	I	D	R	E	H	E
E	X	E	O	T	T	N	I	A	F	R	E	I	G	N	A
A	M	L	M	S	T	A	T	I	O	N	A	R	Y	N	T
C	T	A	R	O	S	B	W	R	I	A	F	K	O	P	H
E	T	Y	I	O	X	E	D	T	Y	F	U	R	Z	O	E
R	R	O	A	N	D	M	H	O	F	R	I	W	T	U	R
E	A	R	S	O	A	G	K	Y	E	E	U	L	B	R	I
H	E	S	C	K	I	E	N	R	E	X	A	H	T	L	A
T	H	N	K	A	T	A	A	W	T	F	F	O	M	L	T
E	O	A	R	R	P	O	E	A	S	A	E	U	R	A	S
W	E	T	O	O	R	S	Y	O	R	N	E	R	E	R	M
L	S	F	P	N	R	O	M	E	A	O	R	T	A	U	S
I	C	A	I	A	U	E	S	L	B	T	E	E	D	O	O
R	W	A	O	R	I	C	P	Y	L	O	H	I	I	F	U
S	P	C	H	O	L	E	N	I	A	O	T	M	E	X	L

pause = _____

iron = _____

raw = _____

leek = _____

dye = _____

awl = _____

played = _____

vane = _____

fir = _____

colonel = _____

stationery = _____

fought = _____

steel = _____

piece = _____

yolk = _____

due = _____

heard = _____

strait = _____

rain = _____

two = _____

their = _____

pair = _____

fare = _____

course = _____

wholly = _____

sole = _____

wether = _____

so = _____

hart = _____

stare = _____

feint = _____

fairs = _____

weather = _____

reed = _____

pane = _____

fore = _____

feat = _____

meet = _____

our = _____

sum = _____

one = _____

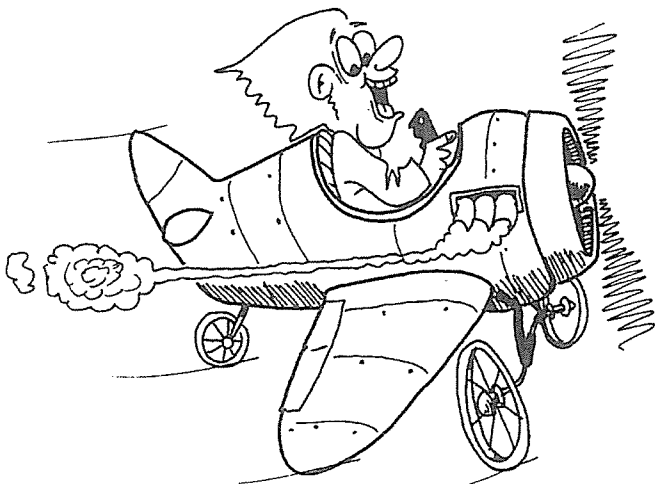
pore = _____

plain = _____

blew = _____

mane = _____

ewe = _____



100 POINTS of Family Fun

@rahbowkskcreations

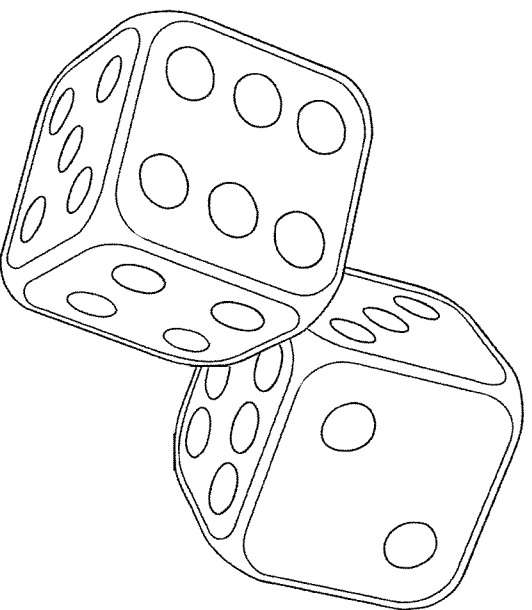
YOUR CHALLENGE IS TO SCORE A TOTAL OF 100 OR MORE POINTS

5 POINTS	5 POINTS	10 POINTS	10 POINTS	20 POINTS	20 POINTS	20 POINTS	30 POINTS
Help clean up the kitchen after dinner.	Help prepare a family meal.	Read for 15 mins on your own.	Have a paper airplane contest.	Play a family board game.	Read a chapter book with an adult for half an hour	Create a quiz game for your family to play. Have an answer key.	
Come up with 3 jokes to share with your family.	Offer to make a drink for someone in your family.	Teach someone in your family how to do something.	Go outside and watch the clouds for 15 minutes with an adult.	Cook a treat with an adult that you and your family can enjoy.	Write a letter or make a card for someone in a local nursing home.	Spend a whole day without any screens or technology.	
Share memories of a favourite holiday or event over a meal.	Spend time with your family sharing 2 things you are grateful for.	Write a special note for someone in your family explaining why you love them (secretly leave it for them to find).	Capture 3 moments of family fun on a camera. Print them out and put them somewhere where you can see them.	Build a cubby house with an adult in your family.	Create a jar of compliments for someone in your family. Give it to them at a time you think they need it.	Create a gratitude tree on your fridge where each family member can record something, they are grateful for on a sticky note each day.	
Play hide and seek inside the house.	Put a family favourite song on really loud and dance together.	Plan a family picnic to have in your front or backyard.	Play a game of cards with someone in your family.	Help fold and put away the washing.	Read a book of your choice and write a book review.	Open a 'family restaurant' where kids decide on the menu, help cook the food and clean up!	
Have a starting contest with someone who lives with you.	Watch a movie as a family.	Take up a secret handshake with someone who lives with you. Practise it so you get really good at it.	Build something with a family member: Use a cardboard box, LEGOs, blocks, craft materials etc.	Create a kindness flyer to pin up somewhere in your local community.	Take your bed 4 days in a row.	Clean out your cupboard and prepare a bag of clothes or toys to donate to charity.	

Multiplication Dice Game

How to play:

1. Roll the dice.
2. Multiply the number by two and remember the answer.
3. Roll 1 die again and take away the number from your answer. If the final answer is below 0, then re-roll the two dice.
4. Colour your answer on the grid.
5. The first person to colour five in a row wins!



2	3	30	6	21	12	26	5
20	8	15	20	22	19	4	27
33	8	16	10	34	1	28	25
15	26	11	29	24	7	24	12
18	7	23	1	17	4	13	28
5	35	13	19	6	32	14	23
2	25	17	31	21	27	22	29
16	10	9	14	11	18	3	9

UNIT 3

NUMBER SET 1

- $5 + 7 = \underline{\quad}$
- $15 + 7 = \underline{\quad}$
- $11 - 6 = \underline{\quad}$
- 21 minus 6 = $\underline{\quad}$
- Share 42 equally among 7. $\underline{\quad}$
- Increase 5 998 by 5. $\underline{\quad}$
- Decrease 7 000 by 6. $\underline{\quad}$
- $6 \times 8 = \underline{\quad}$
- $4 \times 25 = \underline{\quad}$
- How many 7s are there in 56? $\underline{\quad}$
- What is the place value of 8 in 3.98?
 $\underline{\quad}$
- What is the next odd number after 2 999? $\underline{\quad}$
- Write a number to make this statement true: $8\ 018 < \underline{\quad}$
- Write three factors of 12. $\underline{\quad}$
- $\underline{\quad} \times 9 = 54$
- Write five point zero six as a decimal.
 $\underline{\quad}$
- 4 squared = $\underline{\quad}$
- How many 10c coins make \$5? $\underline{\quad}$
- How many \$5 notes would be equal in value to four \$20 notes? $\underline{\quad}$

NUMBER SET 2

- $$\begin{array}{r} 357 \\ + 248 \\ \hline \end{array}$$
- $$\begin{array}{r} 454 \\ - 213 \\ \hline \end{array}$$
- $$\begin{array}{r} 776 \\ - 405 \\ \hline \end{array}$$
- $6\ 873 > 6\ 378$. True or false? $\underline{\quad}$
- Write 346 tens and 5 ones as one number. $\underline{\quad}$
- Double 30. $\underline{\quad}$
- The product of 5 and 8 is $\underline{\quad}$.
- The sum of 48 and 6 is $\underline{\quad}$.
- Write the largest 4-digit number possible with the numerals 5, 2, 9 and 1. $\underline{\quad}$
- Write $\frac{45}{100}$ as a decimal. $\underline{\quad}$
- Is one-quarter larger or smaller than one-eighth? $\underline{\quad}$
- Write two numbers, either of which would make this statement true:
 $7 - \underline{\quad} < 5$ $\underline{\quad}, \underline{\quad}$
- Circle the multiples of 3.
6 18 24 27 32 36
- Complete this pattern and write the rule.

A	3	5	8	2	7
B	5	9	15		
- Write two numbers that would make this a true statement:
 $\underline{\quad} + \underline{\quad} < 7$

Working Mathematically



Jan bought two pencils and a pen at a cost of \$8.00. If the pencils were the same price and the pen cost \$3.00, how much were each of the pencils?

Explain how you reached your answer.

MEASUREMENT

1. Describe what 'cold' means to you.

2. Name three foods you eat cold.

3. Describe what 'hot' means to you.

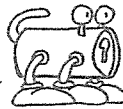
4. Name three foods you eat hot.

5. What instrument measures temperature?

SPACE

About a cylinder:

1. how many faces has it? _____
2. what shape are they? _____
3. how many edges has it? _____
4. are they the same length? _____
5. how many corners are there? _____



Draw the shape.

About a triangular prism:

6. how many faces has it? _____
7. what shape are they? _____
8. how many edges has it? _____
9. are they all the same length? _____
10. how many corners are there? _____

Draw the shape.

Working Mathematically

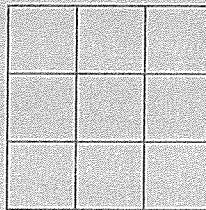
Using the digits 1, 2, 3, 4, 5, 6, 7, 8 and 9, construct a magic square in which the vertical, horizontal or diagonal rows of three numbers all add to 15.

See What is the problem asking?

Plan How will you solve this?



Do Working



Check Do all rows total 15?

EVALUATION



Number

Set 1

Set 2

Measurement

Space

Things I liked _____

Things I found difficult were _____

Pirate Themed Addition and Subtraction Facts up to 100 Maths Mosaic

black =
0 - 10

green =
11 - 25

yellow =
26 - 50

blue =
51 - 75

red =
76 - 99

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

		$52 + 30$	$99 - 7$	$92 - 10$				
	$75 + 3$	$45 + 40$			$85 + 10$			
	$19 + 20$	$52 - 10$	$16 - 10$		$98 - 20$			
	$84 - 40$	$36 - 4$			$71 + 8$			
	$19 + 30$	$55 - 50$	$65 + 30$	$86 - 10$	$91 - 5$	$78 + 6$		
			$76 + 8$	$88 + 2$	$79 + 4$	$86 - 8$		
		$90 - 5$	$99 - 20$	$56 + 40$	$17 + 5$	$36 - 20$	$82 + 7$	
		$19 + 80$	$84 - 2$	$15 + 8$	$85 - 70$	$92 - 80$	$91 - 40$	
		$77 - 1$	$27 + 70$	$75 - 50$	$13 + 7$	$11 + 4$	$36 + 20$	$54 + 3$
		$31 + 60$	$55 + 30$	$19 - 6$	$21 - 10$	$58 - 40$	$45 + 20$	$56 + 6$

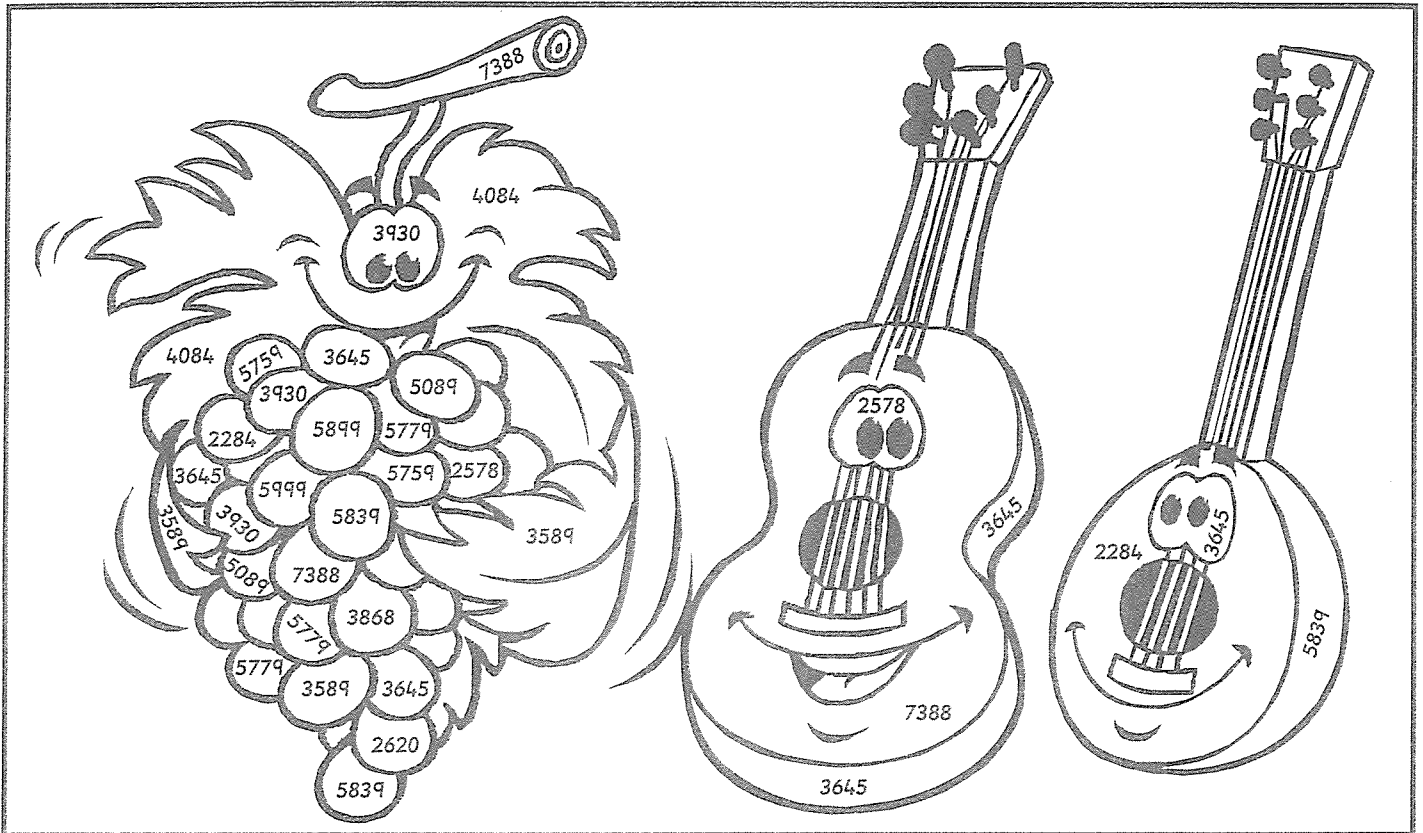
Extra Challenge: True or false: 73 has 4 more tens than 47?

Name: _____

Write 6 sums
of your own
for your friend.

ON THE
BACK

Subtraction ~ 4 digits ~ Trading



Look for the numbers more than once and colour the picture.

<p>blue</p> $\begin{array}{r} 7448 \\ -2359 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 6793 \\ -2709 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 9601 \\ -3762 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 5529 \\ -1599 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 8756 \\ -4888 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 9467 \\ -3568 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 9988 \\ -3989 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 8808 \\ -3049 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 9876 \\ -2488 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 6450 \\ -4166 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 8718 \\ -2939 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 6000 \\ -3422 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 7181 \\ -3592 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 6009 \\ -3389 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 6021 \\ -2376 \\ \hline \end{array}$



ODD, EVEN, PRIME, COMPOSITE and SQUARE NUMBERS

LEVEL 1

* What is a PRIME number _____

* What is a COMPOSITE number? _____

Circle the odd numbers.

1. 45, 32, 46, 85
2. 36, 12, 80, 44
3. 13, 82, 56, 33
4. 9, 6, 2, 45, 88
5. 17, 37, 93, 67
6. 45, 54, 56, 87
7. 13, 12, 17, 14
8. 54, 32, 87, 55
9. 23, 54, 67, 34
10. 10, 89, 45, 32

Circle the even numbers.

1. 64, 86, 45, 11
2. 88, 46, 20, 54
3. 23, 45, 22, 87
4. 34, 56, 33, 91
5. 30, 90, 76, 21
6. 45, 44, 42, 48
7. 37, 74, 92, 57
8. 12, 34, 55, 80
9. 17, 34, 57, 83
10. 45, 98, 66, 59

Circle the odd numbers.

1. 16, 27, 33, 56, 67
2. 34, 187, 167, 188
3. 65, 136, 104, 131
4. 167, 38, 165, 199
5. 237, 78, 31, 216
6. 45, 82, 134, 185
7. 111, 382, 398, 22
8. 763, 177, 26, 340
9. 281, 374, 297, 13
10. 877, 901, 444, 26

Circle the odd numbers.

1. 63, 66, 48, 145
2. 123, 65, 89, 56
3. 119, 456, 328, 234
4. 234, 745, 333, 218
5. 88, 357, 901, 234
6. 568, 231, 542, 987
7. 345, 870, 908, 672
8. 13, 769, 567, 34
9. 1 234, 5 643, 334
10. 3 561, 4 900, 233

LEVEL 2

Circle the prime numbers.

1. 12, 15, 11, 14
2. 7, 4, 8, 3, 9
3. 10, 16, 19, 13
4. 19, 17, 11, 20
5. 21, 6, 3, 18, 4
6. 17, 13, 12, 18
7. 8, 5, 14, 16
8. 22, 27, 25, 9
9. 5, 13, 16, 17
10. 10, 18, 19, 14

Circle composite numbers.

1. 18, 25, 17, 15
2. 17, 23, 28, 12
3. 14, 4, 8, 11, 6
4. 17, 24, 14, 19
5. 13, 8, 15, 18, 5
6. 14, 12, 11, 6
7. 17, 19, 26, 23
8. 16, 14, 19, 29
9. 21, 5, 7, 24, 9
10. 10, 26, 30, 17

Write the next prime number.

1. 10 _____
2. 13 _____
3. 4 _____
4. 11 _____
5. 16 _____
6. 25 _____
7. 18 _____
8. 24 _____
9. 27 _____
10. 6 _____

Write the next composite number.

1. 2 _____
2. 8 _____
3. 12 _____
4. 20 _____
5. 15 _____
6. 17 _____
7. 9 _____
8. 14 _____
9. 28 _____
10. 27 _____

Name _____

Date _____

Mixed Operations Word Problems - Money

- ① Tiana makes \$15 per hour when she works during the week. On the weekends, she gets \$18 per hour.
- a) How much did Tiana earn in 1 week, if she worked 3 hours per day after school?
- b) In that same week, Tiana also worked 5.5 hours on the weekend. How much did she earn altogether for the week?
-
- ② Thum Thai served 4 groups of friends for dinner. 2 groups chose the Belly Banquet, which was \$37 per person, 1 group chose the Big Banquet which was \$42 per person and the last group chose the Boppa Banquet which was \$53 per person.
- a) How many people had the Belly Banquet if it made \$444?
- b) How much money did the Big Banquet make if there were 11 people in the group?
- c) How many people had the Boppa Banquet if Thum Thai made a total of \$1224 for the night?



Name: _____

Addition

$$\begin{array}{r} 223 \\ + 675 \\ \hline \end{array}$$

$$\begin{array}{r} 712 \\ + 156 \\ \hline \end{array}$$

$$\begin{array}{r} 327 \\ + 613 \\ \hline \end{array}$$

$$\begin{array}{r} 471 \\ + 930 \\ \hline \end{array}$$

$$\begin{array}{r} 163 \\ + 362 \\ \hline \end{array}$$

$$\begin{array}{r} 884 \\ + 168 \\ \hline \end{array}$$

$$\begin{array}{r} 585 \\ + 181 \\ \hline \end{array}$$

$$\begin{array}{r} 654 \\ + 939 \\ \hline \end{array}$$

$$\begin{array}{r} 596 \\ + 126 \\ \hline \end{array}$$

$$\begin{array}{r} 994 \\ + 823 \\ \hline \end{array}$$

$$\begin{array}{r} 129 \\ + 125 \\ \hline \end{array}$$

$$\begin{array}{r} 722 \\ + 640 \\ \hline \end{array}$$

$$\begin{array}{r} 841 \\ + 802 \\ \hline \end{array}$$

$$\begin{array}{r} 367 \\ + 781 \\ \hline \end{array}$$

$$\begin{array}{r} 269 \\ + 894 \\ \hline \end{array}$$

$$\begin{array}{r} 195 \\ + 904 \\ \hline \end{array}$$

$$\begin{array}{r} 668 \\ + 140 \\ \hline \end{array}$$

$$\begin{array}{r} 698 \\ + 177 \\ \hline \end{array}$$

$$\begin{array}{r} 572 \\ + 192 \\ \hline \end{array}$$

$$\begin{array}{r} 369 \\ + 476 \\ \hline \end{array}$$

