

Year 6
Remote
Teaching
Booklet 3

Homework

Week: 3

Reading

Write a literary description which describes the setting of a book you are reading.
Create an artwork of the setting of a book you are reading.

Writing

Write a persuasive text about why voting in elections should be optional.
Write a discussion about the advantages and disadvantages of siblings.

Language/Vocabulary

Draw a picture of a famous fairy tale character. Around your drawing, use noun groups to create rich descriptions of your character e.g. her long, green, warty nose.
Draw a picture of a haunted forest. Around your drawing, use noun groups to create rich descriptions of your setting e.g. the skinny, reaching tree branches.

Number and Algebra

Write 5 real-life word problems involving 1-digit by 2-digit multiplication. Use a written strategy to solve each problem. Show your working.
Divide a block of chocolate between each member of your family. How many pieces does each person get? Are there any remainders? Draw and explain your working.

Measurement and Geometry

Make a list of activities that take approximately one hour to complete. Time yourself completing one of these activities to see if you were correct.
Use toothpicks and blu-tack to create a square-based pyramid. Use your model to help you draw the net for your pyramid.

Earth and Space Sciences

Create an informative poster explaining all the ways that the sun provides energy for planet Earth.

The Arts

Create an artwork using different types of lines. Write a paragraph to explain your artwork.

Statistics and Probability

Observe and record the type and number of cars that drive past your home during a half hour period.
Use a weekend weather forecast to determine the type of activities you could do as a family.

Story starter!

She turned in the saddle and looked behind her. Emma could see the others gaining on her.

Digging in her heels, she whispered some words of encouragement in the ostrich's ears as it burst into full speed. They were making good time, but there was so far still to go...

Can you continue the story? Who is chasing Emma? Is this a race or is she on another adventure?



Question time!

- ▶ What do you think it would feel like to ride an ostrich?
- ▶ How do you think the ostrich feels about being ridden?
- ▶ What top-tips would you give Emma to help her win the race?
- ▶ How do you think riding an ostrich would be different from riding a horse?
- ▶ What thoughts do you think are going through Emma's mind?



Image by: Caras Ionut

Sentence challenge!

Choose the appropriate punctuation for the following sentences.

! ? .

Stop You're going too fast

Am I going to make it to the finish line?

She told herself that it was going to be fine

Can you use all of these pieces of punctuation in your own writing?



Image by: Caras Ionut

Sick sentences!

These sentences are
'sick' and need help to
get better. Can you
help?

- ▶ The ostrich pointed
its neck forward and
ruffled its feathers.
- ▶ Together they went
across the ground.



Perfect picture!

Imagine you can see
through Emma's eyes.
What can she see
behind her?
Draw/describe what
you have imagined



Image by: Caras Ionut

Usain Bolt

Biography

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

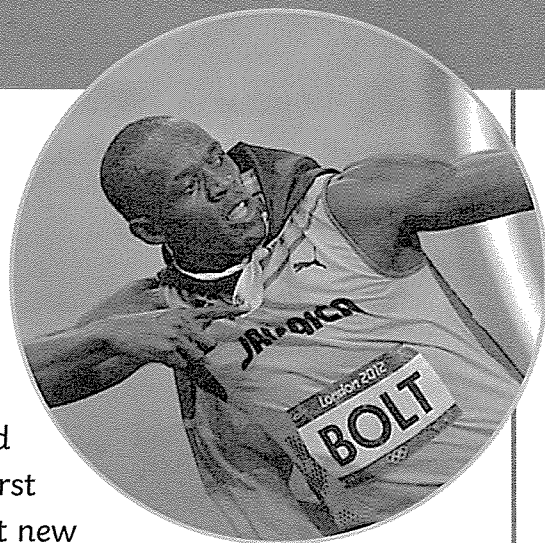
Usain St. Leo Bolt once said, 'When I was young, I didn't really think about anything other than sports.' He first showed sprinting potential at a very young age and became the fastest 100m runner at his school by the age of 12. Whilst at secondary school, Usain was encouraged to concentrate on sprinting, which led him to win his first High School Championships medal. Since then, he has set new world records, overcome injuries, won numerous medals, become a national treasure in his home country of Jamaica and he hasn't even finished yet!

Usain was born on 21st August 1986, in Jamaica, to parents Wellesley and Jennifer Bolt. He grew up with his brother and sister, and adored playing football and cricket.

He competed in his first race whilst at primary school, but sprinting wasn't his first love. Bolt has often said that if he hadn't have become a sprinter, he would have loved to have been a fast bowler, having been inspired by Waqar Younis, a former international cricket player.

Whilst 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 enjoyed 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 Jamaican Prime Minister recognised Bolt's talent and arranged for him to move to Kingston to train with the Jamaican Amateur Athletic Association.



Usain Bolt

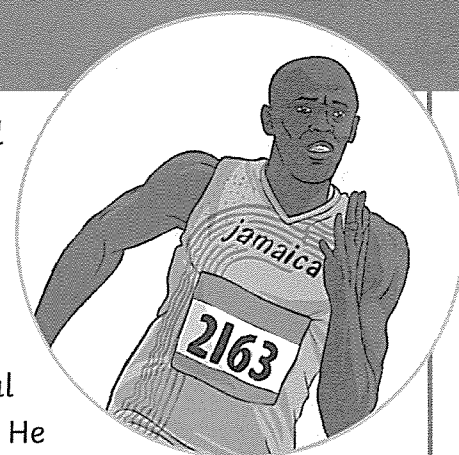
The World Junior Championships came next for Usain and it was here that he became the youngest World Junior gold medallist. He continued to win medals in 2003, when he competed at the World Youth Championships.

In 2004, Usain became the first junior sprinter to run 200m in under 20 seconds. With this fantastic time, he turned professional and was chosen to compete in the Jamaican Olympic team. He went to the Olympic Games in Athens in 2004 but a recurring leg injury ruled him out of winning any medals. He received offers to go and train in America but Bolt wanted to stay true to his roots and despite the basic facilities available to him, remained in Jamaica. For some time, injuries thwarted him, but he came back even stronger.

As the years passed by, Bolt took his sport more seriously and began to train harder to win events. At the 2008 Beijing Olympic Games, he broke more world records, winning gold in the 100m, 200m and relay. This was followed by the World Championships in Berlin where he improved his times, running the 100m race in 9.58 seconds and the 200m in 19.19 seconds.

Bolt competed in the 100m, 200m and relay events at the London 2012 Olympic Games, where he won three golds once again. This made him the first person to win all three events at consecutive Olympic Games. Following his performance in London, a fellow competitor said, 'There's no doubt he's the greatest sprinter of all time.'

Usain is nicknamed 'Lightning Bolt' and continues to be widely regarded as being the fastest sprinter of all time. He plans to retire in 2017.



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

Usain Bolt Comprehension

Try to answer the questions using full sentences.

1. When and where was Usain born?

2. By what age had Bolt become the fastest 100m runner at this school?

3. Who is he inspired by??

4. Why did Pablo McNeil get frustrated with Bolt?

5. Why did Usain move to Kingston?

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

7. Why do you think Usain reached a point in his life where he decided to take his sport more seriously and train harder?

Usain Bolt Comprehension

8. Explain how Bolt has shown resilience in his professional career.

9. Why is Usain nicknamed 'Lightning Bolt'?

10. Which do you think is Usain's greatest achievement to date? Why?

Correcting Spelling Mistakes 4

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

1. The majishan pulled a rabbit out of his hat.
2. The brite sunshine made me squint.
3. She dried herself with a towle.
4. I hate waiting and can get very impaychent.
5. The girl's story was unbelevable.
6. I fell over and broosed my knee.
7. The oposishun won the soccer final.
8. It was a beautiful wedding serimony.

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

1. The reserch shows that it is important to exercise.
2. The likelihood of it raining tomorrow is considerably high.
3. We certainly don't want our actions to cause any distress.
4. We should reduce, reuse and recycle in order to help the enviroment.
5. I recently herd that the shopping centre is closing for repairs.
6. There was a loud comotion coming from the dining room.
7. I don't know weather to revise for my test or finish my essay.
8. It was impossible to recognise her when she wore her disguise.

Name _____

Date _____

Aboriginal Interpretations of the Night Sky

Aboriginal peoples of Australia appear to be one of the first groups of humans to use the night sky to help them live their lives and enhance their culture and practices.

Answer the questions below by researching exactly how Aboriginal peoples used the night sky.

1. Give three examples of how Aboriginal peoples used the night sky to distinguish different times of the year.

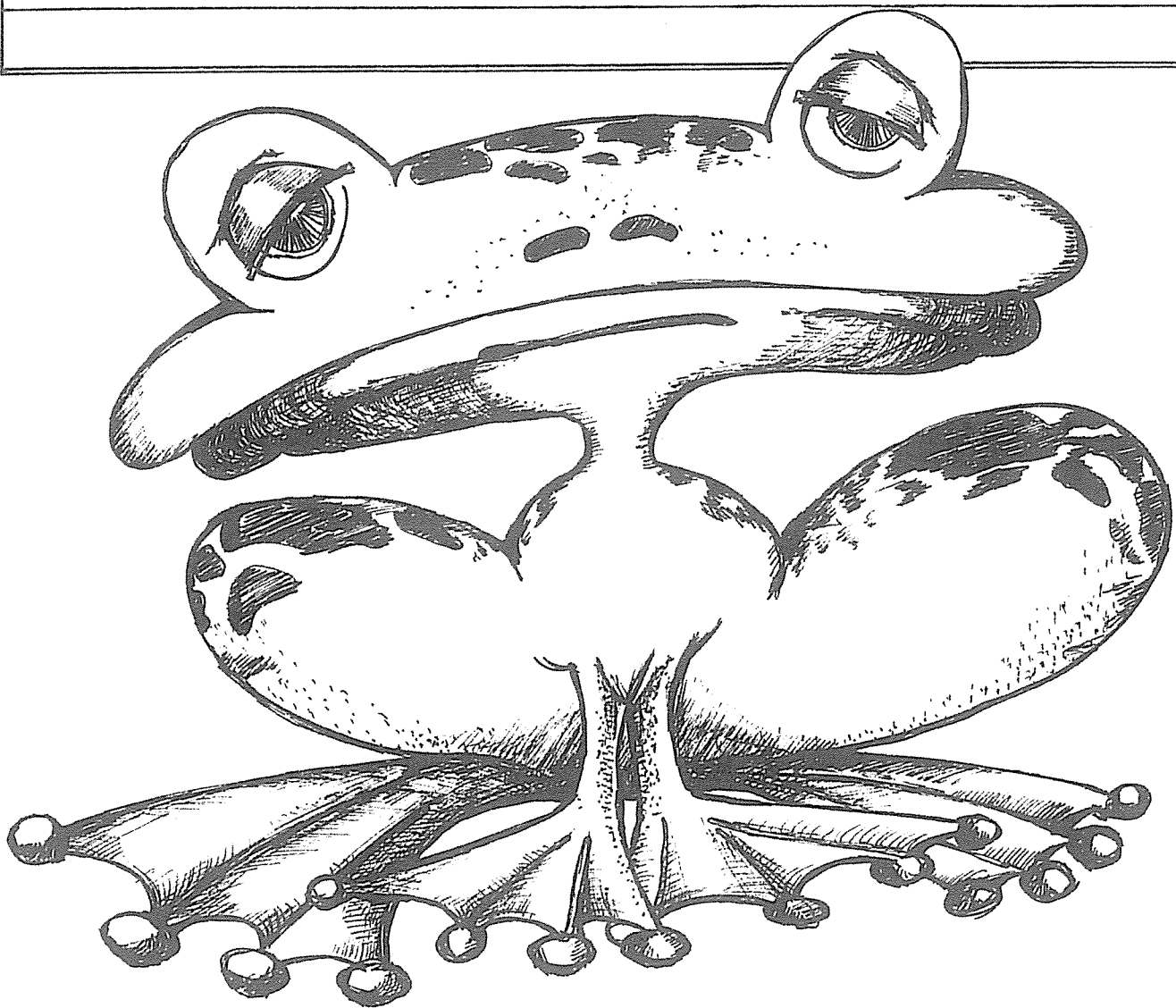
a) _____

b) _____

c) _____

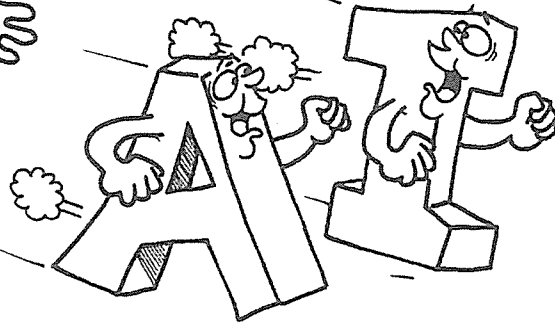
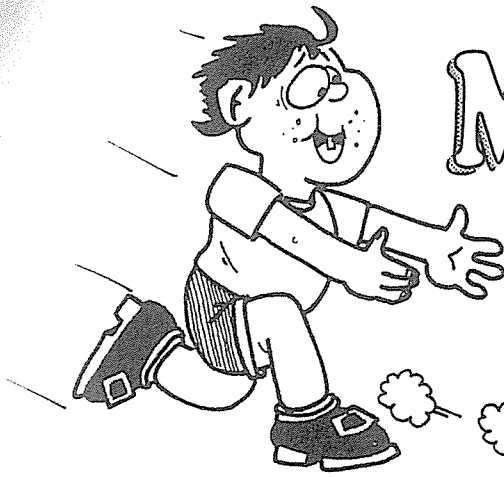
2. Give an example of how observations of the night sky were used for cultural purposes e.g. story telling.





Write a convincing letter to your teacher, telling why
this frog would make the ideal classroom pet.

Missing Vowels



The vowels have been left out of the word list. Find the words in the sleuth and fill in the word list.

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

science ✓

m_t_t_r

s_l_d

m_x_t_r_

s_l_t_n

l_q_d

w_t_r

v_l_m_

s_nk_ng

st_m

sh_p_

g_s_s

l_ns

m_lt_ng

b_l_ng

pr_p_rty

_v_p_r_t_n

d_ns_ty

fl_t_ng

m_ss

s_rf_c_

s_l_bl_

s_g_r

d_ss_lv_

f_lt_r

b_k_r

s_p_r_te

m_gn_t

cl_n

fl_sk

lght

b_m

p_r_fy

100 POINTS of family fun

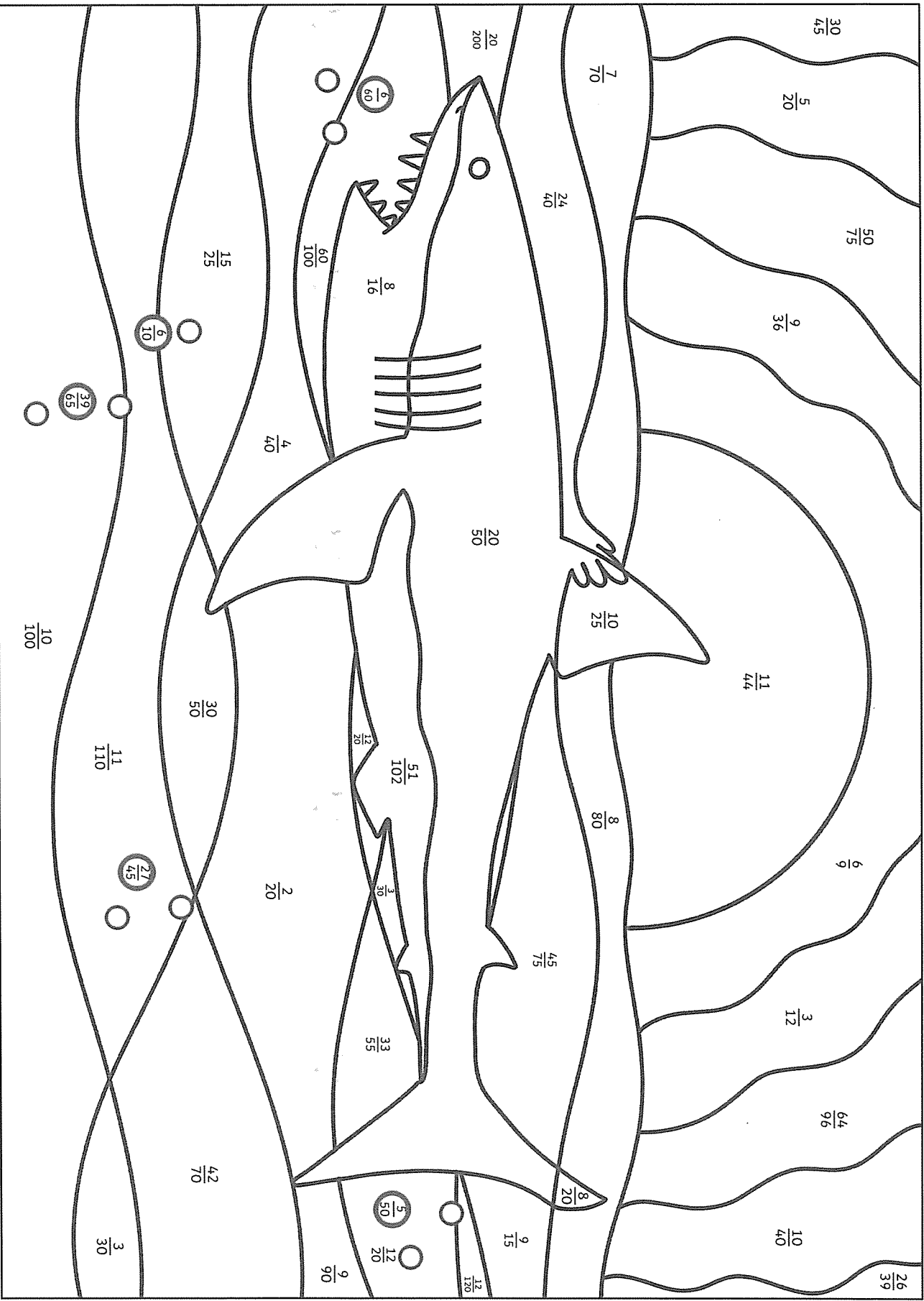
YOUR CHALLENGE IS TO SCORE A TOTAL OF 100 OR MORE POINTS

5 POINTS	5 POINTS	10 POINTS	10 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 staring 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.	Make your bed 4 days in a row.	Clean out your cupboard and prepare a bag of clothes or toys to donate to charity.

Simplifying Fractions

Instructions:
Simplify each fraction fully.
Find your answer below and colour that section on the picture accordingly.

Grey	$\frac{2}{5}$
White	$\frac{1}{2}$
Dark Blue	$\frac{3}{5}$
Yellow	$\frac{1}{4}$
Orange	$\frac{2}{3}$
Light Blue	$\frac{1}{10}$



Name _____

Date _____

Mixed Operations Word Problems - Number

- ① Roger is training for a tennis tournament. He hits 15 serves per day for a week and then moves up to 20 serves per day for the next week.
- a) How many serves does he hit over the 2 weeks?

 - b) If he has 5 tennis balls and serves each of them the same number of times, how many times does each ball get served over the 2 weeks?
-
- ② Stephen's family own a farm that has 12 chickens.
- a) On Monday, each of the chickens laid 3 eggs each. How many eggs were there at the end of the day?

 - b) On Tuesday, 25% of the chickens laid 2 eggs each and the remaining 75% laid 3 eggs each. How many eggs were there at the end of the day?

 - c) Stephen's family gives 4 dozen eggs to their grandparents every 4 days. What is the least amount of eggs that the chickens can lay each day to make sure they have enough to give to their grandparents?

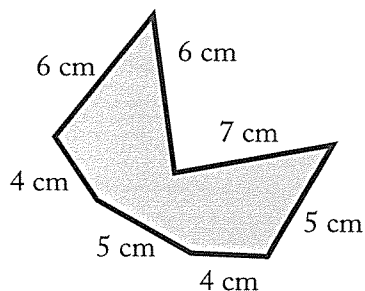


Name: _____

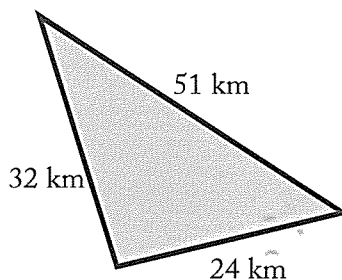
Perimeter of a Polygon

Find the perimeter of each polygon.

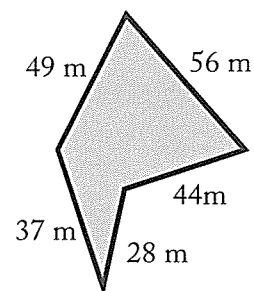
a.



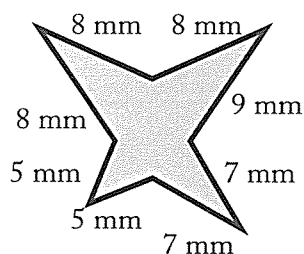
b.



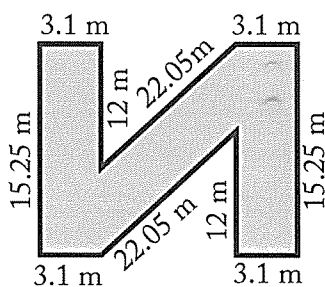
c.



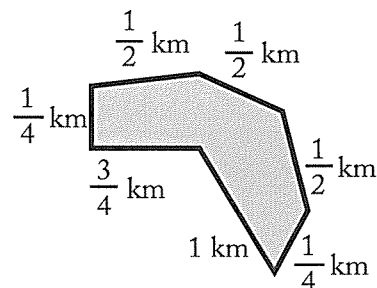
d.



e.

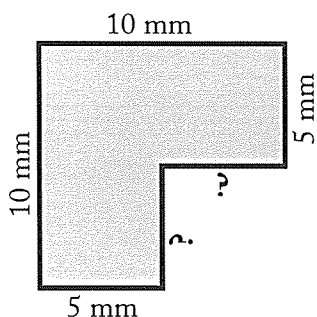


f.

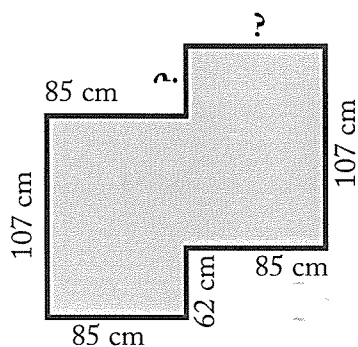


★ Challenge Problems:

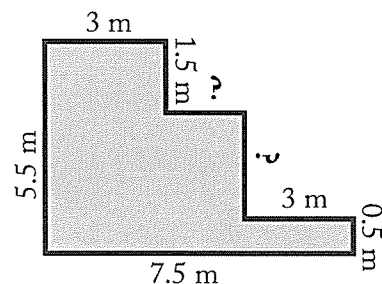
g.



h.



i.




UNIT 30

NUMBER SET 1

Use the digits 3, 6, 2, 5 and 4 to make:

1. the largest possible number _____
2. the smallest possible number _____
3. $107 - 97 =$ _____
4. $7 \times 8 \times 0 =$ _____
5. $(15 \square 3) \times 5 = 5$
6. Is 40 555 nearer to 40 000 or 41 000?

7. Would \$10 be enough to pay for four ferry tickets that cost \$2.25 each?

8. Double 28 and add 19. _____ 
9. Circle the largest number:
0.8 79% $\frac{75}{100}$
10. In a class of 32 children, 50% have a pet. How many have a pet? _____
11. Write four answers which will make this sentence true: $14 + \text{_____} < 18$
_____, _____, _____
12. What change would there be from \$10 after paying for 9 items at 25c each? _____
13. Write $2\frac{1}{2}$ as a decimal. _____
14. I paid \$3.50 for 7 cakes. How much was each one? _____
15. Halve 100, then subtract 28. _____

NUMBER SET 2

$$\begin{array}{r} 1. \quad 4 \overline{)420} \\ 2. \quad \begin{array}{r} 529 \\ \times 3 \\ \hline \end{array} \\ 3. \quad \begin{array}{r} 811 \\ - 322 \\ \hline \end{array} \end{array}$$

4. $(9 \times 8) - 12 =$ _____
5. $24 + 25 + 26 =$ _____
6. $(8 \times 20) - 20 =$ _____
7. $58 \times 7 = 7 \times 58$. True or false? _____
8. Write 40-hundredths as a decimal.

9. List all multiples of 9 that are less than 30. _____
10. 7 out of 10 children bought lunch. What percentage did not? _____
11. Complete the grid.

+	15	18	16	19
14				
23				
27				
33				

12. Use the rule $(C + 5) \times 2 = D$ to complete the patterns.

C	6	8	7	9	12
D					

13. $\$0.55 + \$1.75 + \$3.15 =$ _____
14. Write 3, 5 or 7 and an operation sign in the spaces to make a true statement.
_____ \triangle _____ = _____
15. Multiply twice 12 by half of 10. _____

Working Mathematically

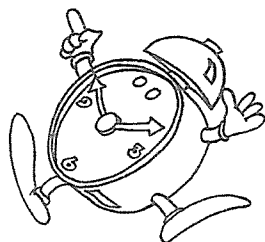
Draw a plan of your classroom and show the shortest path between your desk and the teacher's table.



MEASUREMENT

Arrange these times in chronological order:

1. oh seven hundred hours _____
2. 2.30 pm _____
3. 15 hundred hours _____
4. midday _____
5. 11.15 am _____



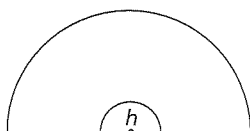
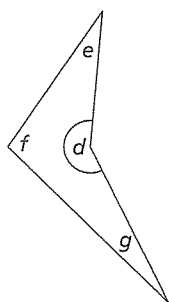
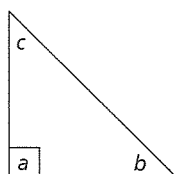
How many 25 g weights would I need to balance each mass?

6. 100 g _____
7. 250 g _____
8. 75 g _____
9. 525 g _____
10. 900 g _____

SPACE

Name the types of angles labelled in the shapes.

1. a _____ angle
2. b _____ angle
3. c _____ angle
4. d _____ angle
5. e _____ angle
6. f _____ angle
7. g _____ angle
8. h _____ angle



Working Mathematically

While shopping for a party, I spent \$36.50 on food and gifts for party games. If the food cost \$25.00 more than the gifts, how much did the gifts cost?



See Read the question carefully to pick out important information.

Plan What strategy will you use?

Do Working

Check Work backwards to see if the answer totals the correct amount spent.

EVALUATION



Number

Set 1

Set 2

Measurement

Space

Things I liked _____

Things I found difficult were _____

Name: _____

Write 6 sums
of your own
for your friend.

ON THE
BACK

Addition ~ 4 digits ~ Trading



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

<p>blue</p> $\begin{array}{r} 1587 \\ +1635 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 5593 \\ +2536 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 5095 \\ +1968 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 4749 \\ +1486 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 2708 \\ +4792 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 4478 \\ +1678 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 3288 \\ +2777 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 3567 \\ +4543 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 1678 \\ +2535 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 4929 \\ +2282 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 5466 \\ +2634 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 6456 \\ +2099 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 3967 \\ +3793 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 4934 \\ +1399 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 1208 \\ +4876 \\ \hline \end{array}$

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?

