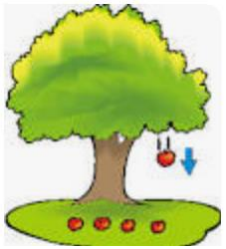
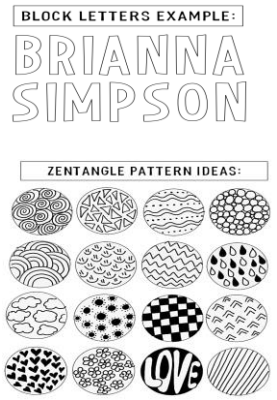
Name: _____ Class:_____

St Johns Park Public School Year 4 (Term 3 Week 5 - 2021)

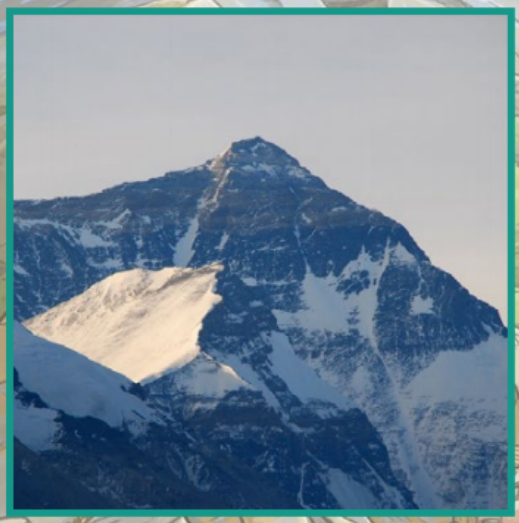
	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	**Fitness** ● 15 lunges ● 15 mountain climbers ● 10 burpees ● 15 leg raises **Repeat these steps 2 times.**  **English** **Read** for 15 minutes **Reading and Viewing** Read and annotate **'Mount Everest'** text provided. **Summarise** four key ideas from the text. Answers the following questions: 1. What is the author's purpose? a) to persuade b) to inform c) to entertain	**Fitness** ● 15 Jumping Jacks ● 30 squats ● 10 push-ups ● 15 high knees **Repeat these steps 2 times.** **English** **Read** for 15 minutes **Reading and Viewing** Watch the following video: https://www.youtube.com/watch?v=xXo46KlqW78 Answer the questions in full sentences. 1. How long does it take to climb Mount Everest? 2. Mt Everest is on the border of which two countries? 3. Is it safe to climb Mt Everest? Why? Why not?	**Fitness** ● 15 lunges ● 15 mountain climbers ● 10 burpees ● 15 leg raises **Repeat these steps 2 times.**  **English** **Read** for 15 minutes **Reading and Viewing** Read and annotate **'Ian Thorpe Fact Sheet'** and answer the questions using full sentences. **Speaking and Listening** Record and post the summary of the story.	**Fitness** ● 15 Jumping Jacks ● 30 squats ● 10 push-ups ● 15 high knees **Repeat these steps 2 times.** **English** **Read** for 15 minutes **Reading and Viewing** Read and annotate **'Victory'** and answer the questions using full sentences. **Writing & Representing** (Informative Text) **Edit and Revise** Edit and revise your draft informative text on your chosen gold medalist to	**Fitness** ● 15 lunges ● 15 mountain climbers ● 10 burpees ● 15 leg raises **Repeat these steps 2 times.**  **English** **Read** for 15 minutes **Reading and Viewing** Read and annotate **"So Many Satellites'** and answer the questions using full sentences. **Writing & Representing** (Informative Text) **Publish** Publish your written informative texts on the gold medalist.

	2. Give evidence from the text to support your answer. 3. Who is the targeted audience? Give evidence. 4. How do you know if this text was fiction or nonfiction? What is your evidence? **<u>Speaking and Listening</u>** Underline 2 unknown vocabulary in the text. Find its meaning and explain it to someone in your house. **Voice record and upload it on Seesaw.** **<u>Writing & Representing</u>** (Informative Text) Write a paragraph informing a Year 4 student important facts about Mt Everest. Remember to use your key ideas. **<u>Postcard</u>** Create and design a special Tokyo Olympic postcard. Write a message to your parents on this postcard.	4. What animals are found at the bottom of Mt Everest? 5. Why do trees stop growing higher up in the mountain? 6. What is the top of Mt Everest made off? **<u>Speaking and Listening</u>** Compare the two texts. Which text provides you with more information? Why? **Record your response and post it on Seesaw.** **<u>Writing & Representing</u>** Sherpas are local guides who help Mt Everest explorers with their expeditions. Imagine you have been hired to do this job. How would you prepare for the trip? What equipment would you need? What food and drink would you take? How would you limit and also carry your rubbish? **<u>Sport</u>** Go outside and play a sport of your choice for at least 15-20 minutes	**<u>Writing & Representing</u>** (Informative Text) **Research, Note Taking and Planning** Select a gold medalist from the Tokyo Olympic Games and research about them. Remember to write the key points. Write a draft informative text on your **chosen gold medalist u**sing the planning. Group your ideas into appropriate paragraphs in the **planning template.** **<u>Olympic Medal</u>** Create a brand new gold, silver and bronze medal design for the Tokyo 2021 Olympic Games. Remember, the medal must have the name of the host city on it, as well as the year. So your medal design must have 'Tokyo' and '2021' on it.	improve your writing. **<u>Speaking and Listening</u>** You are a news reporter. Think of 5 questions you are going to ask this gold medalist. Voice record and upload it on Seesaw. **<u>Letter Writing</u>** Write a letter to a classmate explaining what you have been doing at home these last few weeks. Tell them 3 things you can't wait to do once you are back at school. **<u>Olympic Poster</u>** Design a poster of your favourite Olympic sporting event.	You can either type your work or write it on paper. **<u>Speaking and Listening</u>** Imagine you are the gold medalist that you have chosen for your informative text. Describe your experience at the Tokyo Olympics (challenges, highlights). **<u>Your own Olympic game</u>** Design your own Olympic game that you wish to have at the 2032 Olympics in Brisbane. Name the game, list the rules and the equipment needed. Include drawings and labels.
Break	Break	Break	Break	Break	Break

Middle	**Mathematics** **Mentals** Complete Maths Mentals (15 questions) Time yourself and record your time. **Division (MA2-6NA)** Watch the video on https://www.youtube.com/watch?v=fOfoe-BvAgU&ab_channel=LearningNotebook Complete **'Division Part I'** Worksheet. **Operations** Complete '6X Colour Fun' worksheet Solve the multiplication number sentences and colour the pattern. **https://www.mangahigh.com/login** Log onto MANGAHIGH and complete an activity.	**Mathematics** **Mentals** Complete Maths Mentals (15 questions) Time yourself and record your time. **Division (MA2-6NA)** Watch the video on https://www.youtube.com/watch?v=FApcjdAhnrY&ab_channel=Let%27sDoMath Complete '**Division Part II'** Worksheet. **https://www.mangahigh.com/login** Log onto MANGAHIGH and complete an activity.	**Mathematics** **Mentals** Complete Maths Mentals (15 questions) Time yourself and record your time. **2D Space (MA2-15MG)** Watch the video on https://www.youtube.com/watch?v=VJTxv-tRKj0&ab_channel=Turtlediary Complete '**2D Space'** Worksheet. **Daily Maths Problem** Complete these problem solving questions. 1. We had 87 tennis balls and lost 19. How many were left? 2. The cost of a Dyson vacuum cleaner was $1250. During a sale it was reduced by 15%. How much was the sale price? **https://www.mangahigh.com/login** Log onto MANGAHIGH and complete an activity.	**Mathematics** **Mentals** Complete Maths Mentals (15 questions) Time yourself and record your time. **Fractions and Decimals (MA2-7NA)** Watch the video on https://www.youtube.com/watch?v=9HIZ1or7vYA&ab_channel=TutWay Complete **'Decimals'** Worksheet. **https://www.mangahigh.com/login** Log onto MANGAHIGH and complete an activity.	**Mathematics** **Mentals** Complete Maths Mentals (15 questions) Time yourself and record your time. **Length (MA2-9MG)** Find 5 items in your home that are longer than 20 cm but shorter than 1 m. Draw a picture of each item. **https://www.mangahigh.com/login** Log onto MANGAHIGH and complete an activity.
Break	Break	Break	Break	Break	Break

Afternoon	**PDHPE**	**BTN**	**Science and Technology**	**Geography**	**Creative Arts – Dance**
	Topic: 'Sharing photos and Personal Information online' Visit eSafety Kids page 'Sharing photos and personal information online' Sharing photos and my personal information online | eSafety Commissioner Answer the following questions: **1.** List three things you can do to protect your own privacy and personal information online. **2.** List three ways you can show respect for other people's privacy. **3.** Describe three things that would be OK to post or share on social media. Why are they OK? **4.** Describe three things it would not be OK to post or share. Why not?	Watch '2020 Tokyo Olympics' on BTN. https://www.abc.net.au/btn/classroom/2020-tokyo-olympics/13446864 1. Why are the games called the 2020 Tokyo Olympics not the 2021 Tokyo Olympics? 2. How many athletes are participating in the Tokyo Olympics? 3. How many different countries are participating in the Tokyo Olympics? 4. How did Fiji's national team get to Tokyo? 5. What did a lot of the Aussie athletes have to do before going to Tokyo? 6. What percent of athletes will have been vaccinated before the games begin? 7. No fans will be allowed in stadiums. True or false? 8. What 2 questions do you have about this story? **Sport** Go outside and play a sport of your choice for at least 30 minutes	**Topic: 'Forces Near and Far' (ST2-9PW) - 'Gravity'** Watch the following video about the force of gravity. https://www.youtube.com/watch?v=ljRlB6TuMOU Complete the worksheet **'Gravity'**. 	**Topic: 'Different Environments' (GE2-1)** Watch 'Come explore...South America with Lonely Planet Kids' video. https://www.youtube.com/watch?v=PFcvCn2zPn8 and 'Come explore...Africa with Lonely Planet Kids' video https://www.youtube.com/watch?v=Fuc8thqoe1o Complete the worksheet **'Natural Features of Countries in Africa and South America'**	Watch and follow the '**Live it up'** video by clicking on the 'Footsteps' link below: https://vimeo.com/575215754/908d012c98 **Visual Arts** - **Zentangle Name Art** On the paper, draw your name in large block letters. Using the zentangle pattern ideas, fill in the letters of your name with different patterns. You can also create your own patterns – be creative! You might like to outline your patterns in pen, or add some colour. 

Mount Everest



"Mount Everest" by Gunther Hagleitner is licensed under CC BY 2.0

Location:	Himalayas, Nepal
Highest Peak:	8848m
Wildlife:	Himalayan black bear, Himalayan tahr, snow leopard, red panda and musk deer and many more.
Climbing:	Despite being the highest mountain in the world, this challenge has attracted thousands of recorded expeditions to the summit. The first successfully confirmed assault was part of a British expedition and achieved by Sir Edmund Hilary and Tenzing Norgay in 1953.

Example of a postcard:

Monday

1. 68 + 82 = ____

2. 75 – 7 = ____

3. 23 – 7 = ____

4. 1 x 2 = ____

5. 20 ÷ 4 = _____

6. Write 2529 in words: _____

7. Complete this counting pattern:
27, 32, 37, 42, _____, _____, _____

8. What is the sum of 78 and 45? ____

9. What is the product of 7 and 10? ____

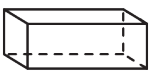
10. 50 cents + 20 cents + $1.00 = _____

11. $2.00 + 50 cents + 20 cents = _____

12. How many days is 24 hours? _____

13. If it was 5:44 in the afternoon, would you write am or pm? _____

14. A rectangular prism has _____ corners.



15. Which star has the highest chance of being selected? Black or white? _____

Tuesday

1. 81 + 75 = ____

2. 21 – 5 = ____

3. 17 + 5 = ____

4. 70 ÷ 10 = _____

5. 11 x 7 = ____

6. Write the smallest number you can using: 5, 9, 6, 3.

_____

7. Complete this counting pattern:
94, 98, 102, 106, _____, _____, _____

8. 78 minus 39 equals: ____

9. What is the product of 6 and 12? ____

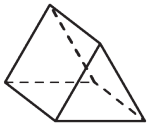
10. 50 cents + 20 cents + $2.00 = _____

11. $1.00 + 20 cents + $2.00 = _____

12. 120 hours = _____ days

13. How many hours from 12 am to 11 pm? _____

14. How many faces does a triangular-based prism have? _____



15. Which star has the highest chance of being selected? Black or white? _____

Division Part I

1. Solve each pair of divisions.

a	9	÷	3	=		90	÷	3	=	
b	12	÷	2	=		120	÷	2	=	
c	15	÷	3	=		150	÷	3	=	
d	20	÷	4	=		200	÷	4	=	
e	25	÷	5	=		250	÷	5	=	
f	24	÷	6	=		240	÷	6	=	
g	36	÷	6	=		360	÷	6	=	

2. Solve these divisions using trial and error.

a	29 ÷ 3 =		remainder		f	21 ÷ 4 =		remainder	
b	19 ÷ 4 =		remainder		g	23 ÷ 5 =		remainder	
c	29 ÷ 5 =		remainder		h	31 ÷ 3 =		remainder	
d	38 ÷ 5 =		remainder		i	42 ÷ 8 =		remainder	
e	31 ÷ 6 =		remainder		j	29 ÷ 6 =		remainder	

3. Solve the division problems and show your working out.

a) Mrs Gonzales had 15 Pokémon cards that she shared among three friends and herself. How many did each friend receive?

b) Mrs Krishan put 150 students on 3 buses. If they all had the same number of students on them, how many were on each bus?

c) Ms Ta bought 6 CDs at the music store. What is the cost of each CD if the total cost for all of them was $54?

d) Ms Weng had 48 fidget toys that she shared among herself and 5 other friends. How many extra fidget toys did she have left over?

Extension: *A factory sends 3256 boxes of chocolates to a supermarket every week. How many boxes do they send in four weeks?*

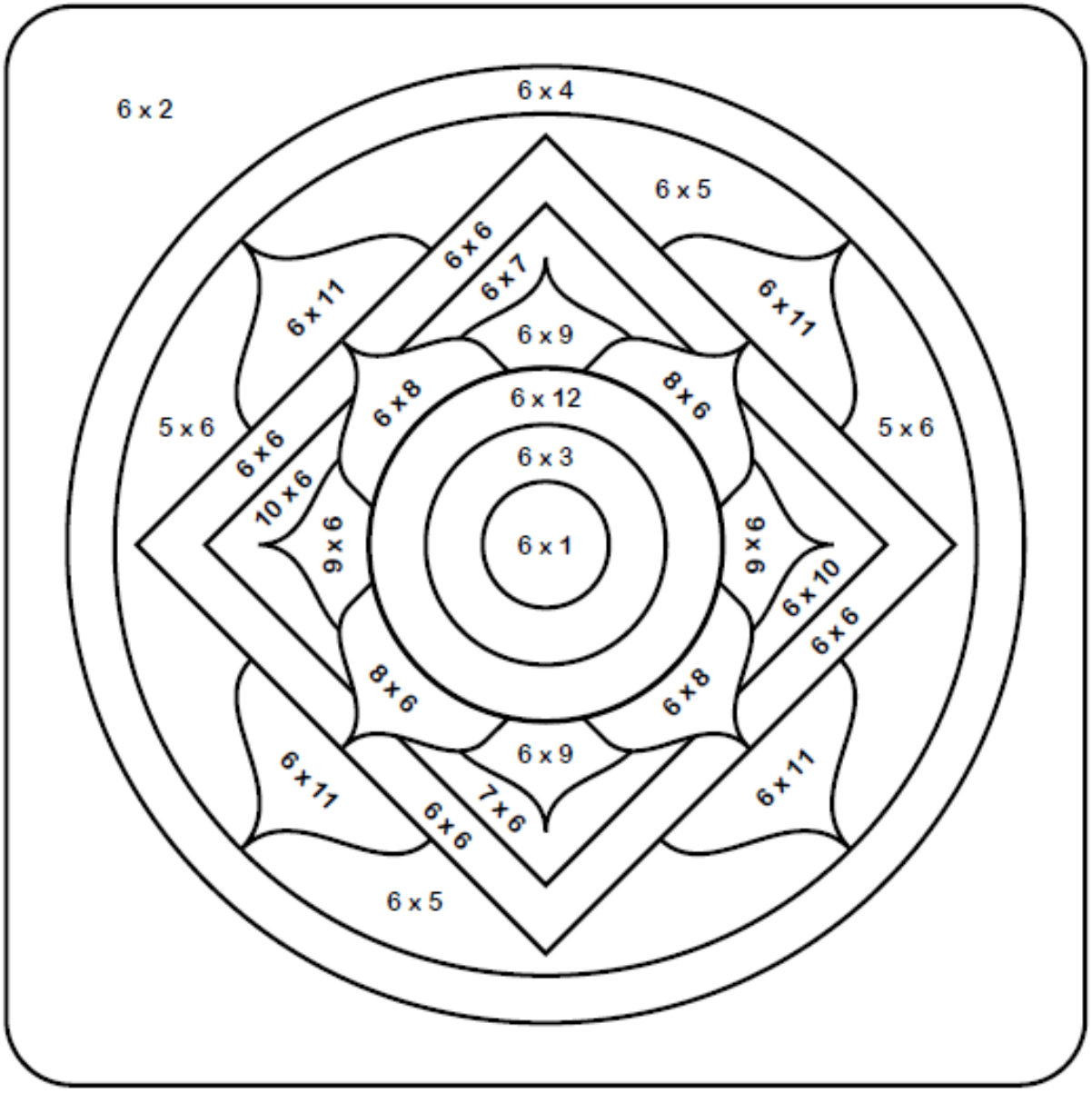
Name: _____ Date: _____

6 x 11

6 x Colour Fun!

6 x 3

Find the answer to the multiplication number sentence and then colour that section the corresponding colour.



6	white	30	yellow	54	pink
12	black	36	dark green	60	light blue
18	red	42	dark blue	66	light green
24	orange	48	purple	72	grey

6 x 4

6 x 10

Division Part II

1. Solve the divisions.

a $2\overline{)32}$	**e** $4\overline{)56}$	**i** $5\overline{)75}$
b $3\overline{)42}$	**f** $3\overline{)45}$	**j** $3\overline{)75}$
c $2\overline{)52}$	**g** $4\overline{)52}$	**k** $4\overline{)64}$
d $3\overline{)72}$	**h** $2\overline{)72}$	**l** $5\overline{)70}$

2. Sometimes divisions don't work out equally and have remainders. Solve the divisions with their remainders.

a $3\overline{)43}$ r	**e** $4\overline{)54}$ r	**i** $4\overline{)61}$ r
b $4\overline{)57}$ r	**f** $3\overline{)74}$ r	**j** $6\overline{)81}$ r
c $5\overline{)66}$ r	**g** $5\overline{)67}$ r	**k** $6\overline{)85}$ r
d $6\overline{)73}$ r	**h** $6\overline{)79}$ r	**l** $5\overline{)76}$ r

3. Solve the division problems and show your working out.

a) There are 63 hearts. If the hearts are divided equally among 9 friends, how many hearts will each friend have?
b) Mrs Donatiello puts 24 desks in three equal length rows, how many desks are in each row?
c) Miss Shahriari has 45 stickers. If she shares the stickers equally between 5 students, how many stickers will each student have?
d) Mrs Gonzales asks some students to organise a box of 37 rings by hanging them in threes on some hooks. How many hooks are needed?

Extension: *A machine produces a toy car every 16 minutes. The machine is switched on at 8:30 am each morning and switched off as soon as it finished a car after 5.15pm. How many cars are produced each day?*

name | date

IAN THORPE FACT SHEET

Read the short story and answer the questions below.

Ian James Thorpe was born in 1982 and grew up in Milperra, Sydney.

Childhood

Ian's mother and father were active in spots and encouraged Ian to pursue their own interest in swimming. Ian was allergic to chlorine when he was young and started swimming with his head out of the water. He won nine gold medals at the New South Wales Short Course Age Championships in 1994.

Achievements

By the time the Olympic Games arrived in Sydney in 2000, Thorpe was under immense pressure to deliver multiple world records and several gold medals. He didn't disappoint and won Austalia's first gold medal of the Games in the 400m freestyle, setting a new world record. Later that night, he helped win the 4x100m freestyle relay. With a total of three gold and two silver medals, Thorpe was the most successful athlete of the 200 Olympic Games. He also dominated the 2001 World and 2002 Pan Pacific Championships. In 2004, he set a new Olympic record in the 200m freestyle and won a total of two gold, a silver and a bronze medal.

Life after the Olympics

Ian Thorpe is a big supporter of the Children's Cancer Institute. He also started the charity Ian Thorpe's Foundation of Youth in 2000. In 2000, he was named Young Australian of the Year and the Ian Thorpe Aquatic and Fitness Centre in Ultimo was named in his honour. In 2012, he was also awarded the Human Rights Medal for his work with indigenous children. He has been awarded the Medal of the Order of Australia for his impressive swimming career.

Thorpe was the most successful athlete of the 2000 Olympic Games.

1. When and where was Ian Thorpe born?

_____

2. In what event did Ian Thorpe compete to win his first gold medal in Sydney 2000?

_____

_____

3. What charity did Ian Thorpe found?

_____

_____

4. List 5 interesting facts about Ian Thorpe.

_____

_____

_____

_____

Planning Template

Title

Introduction
What is the report about?

Sub-heading - _____
Add interesting facts and information below.

Sub-heading - _____
Add interesting facts and information below.

Sub-heading - _____
Add interesting facts and information below.

Picture/Diagram
Add a picture or labelled diagram

Conclusion

Wednesday

1. 88 + 61 = ____

2. 85 – 7 = ____

3. 37 – 4 = ____

4. 9 x 6 = ____

5. 90 ÷ 2 = _____

6. Is 2555 an odd or even number? _____

7. Complete this counting pattern:
23, 33, 43, 53, _____, _____, _____

8. What is the sum of 77 and 49? ____

9. Share $64 between 8 children. _____

10. 50 cents + 50 cents + $2.00 = _____

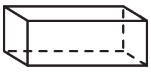
11. $1.00 + $2.00 + 20 cents = _____

12. 24 hours = _____ days

13. 8 hours = _____ minutes

14. What is the name of this 3D object?

_____



15. Which star has the lowest chance of being selected? Black or white? _____

Thursday

1. 67 + 83 = ____

2. 69 – 7 = ____

3. 58 + 1 = ____

4. 10 x 6 = ____

5. 12 ÷ 3 = _____

6. Is 121 an odd or even number? _____

7. Complete this counting pattern:
66, 75, 84, 93, _____, _____, _____

8. In a group of 75 students, 10 would like to play golf and the rest want to play softball. How many want to play softball? ____

9. Divide 48 by 8. _____

10. 10 cents + $1.00 + 5 cents = _____

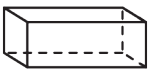
11. $2.00 + 20 cents + $1.00 = _____

12. How many hours from 11 am to 11 pm? _____

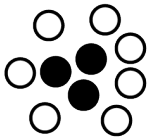
13. What digital time does the clock show?

_____

14. A rectangular prism has _____ corners.

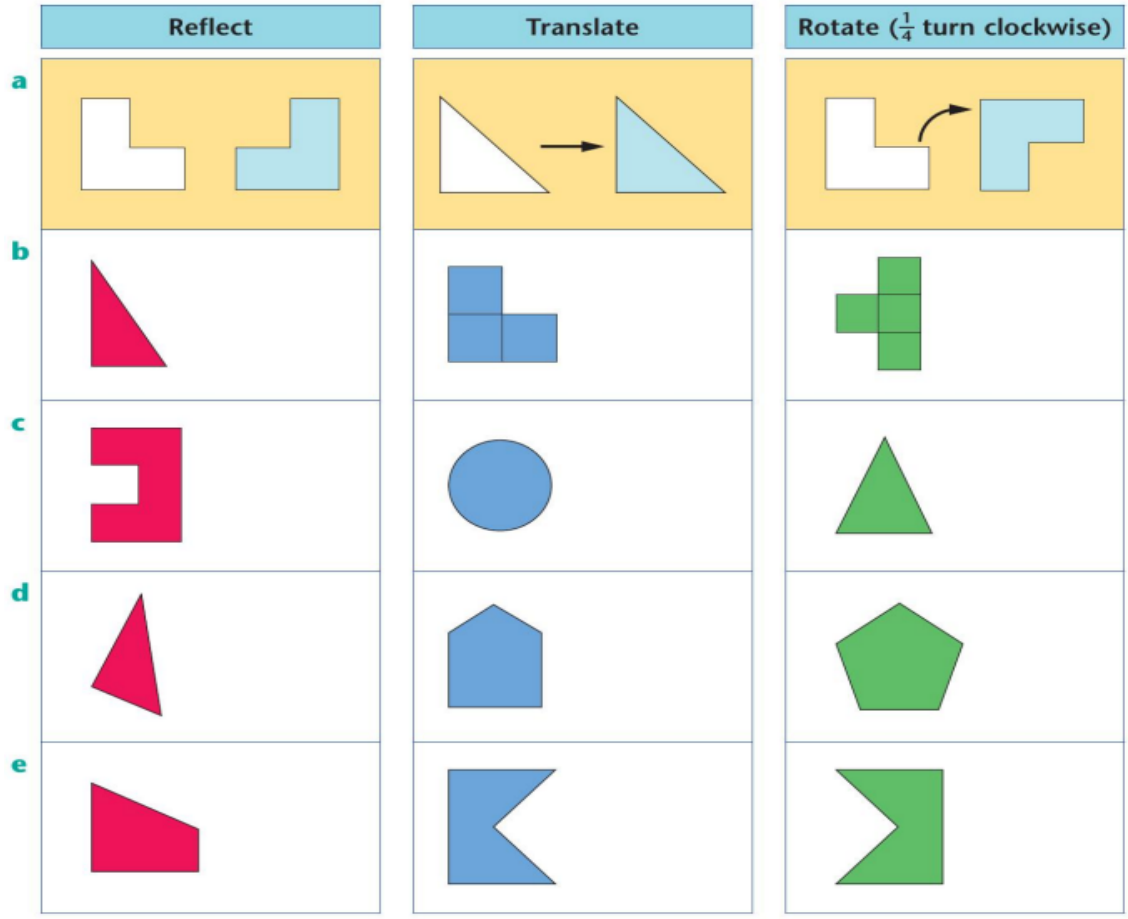


15. Which circle has the highest chance of being selected? Black or white? _____

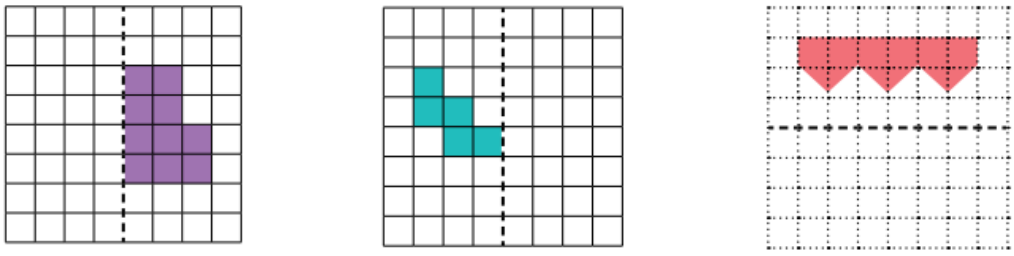


2D Space

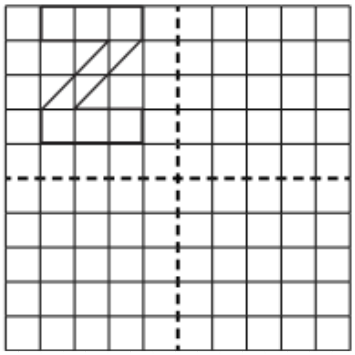
1. Reflect, translate or rotate the following shapes. Draw your results.



2. Reflect these shapes in the mirror line.



Extension: *Reflect the letter across both the vertical and horizontal mirror lines so the letter is reflected in all four quadrants.*



Gravity

Gravity is a force. It is gravity that holds things to the Earth's surface and prevents things from floating off into the atmosphere.

Isaac Newton was one of the first scientists to write about this force. There is a story that Isaac Newton was sitting under an apple tree in his garden when an apple fell downwards onto his head. "Why didn't it float up into the sky ?" he thought. Isaac Newton realised that there is a strong force, which pulls things towards the Earth that is called gravity.

When you jump up into the air, your energy pushes your body off the ground but the force of gravity pulls you back down again. An aeroplane needs powerful engines to launch it into the air, and then the shape of the wings keeps it up.

There is gravity on the moon but it is much weaker than Earth's gravity. When the American astronauts landed on the moon in 1969, they could leap and jump higher and more easily than on the Earth because the pull of gravity was less strong.

Fill in the blank spaces:

1. Gravity is a _____.

2. _____pulls things to the Earth's surface.

3. _____was one of the first scientists to find out about this force.

4. An _____fell downwards onto the scientist's head.

5. Your _____ helps you to jump up into the air, but the force of_____ pulls you back down again.

6. An aeroplane needs _____to take off.

7. Gravity on the Moon is _____ than gravity on the Earth.

Victory by *Meg Anderson*

Victory

Meg Anderson

She gritted her teeth
and took a breath as she
crouched at the line.

She paused,
the sound of her own heart
beating beating beating

A quick glance to the right
and to the left was all it took.
No one would pass her this time.

This time would be different.
This time she would
feel the rush
hear the cheers
be at the finish first.

She would finally feel the heavy weight
lifted from her heart
and draped around her neck instead.
Joy would fill places
where before only worry lived.
This time,
victory was
hers.

Comprehension Questions

1. What is this poem about? _____

How do you know?

_____

_____

2. Why do you think the poet repeats the word "beating" three times in the second stanza?

_____

_____

3. Explain the first three lines of the last stanza in your own words.

_____

_____

4. From which point of view is this poem written?

a) first person b) second person c) third person

How do you know?

_____

_____

_____

Decimals

1. Complete the additions and subtractions.

a 5.6 + 3.3 =	**b** 3.5 + 6.38 =	**c** 4.33 + 5.28 =	**d** 5.44 + 4.83 =	**e** 4.77 + 2.87 =
f 9.78 − 4.43 =	**g** 8.54 − 3.35 =	**h** 7.84 − 4.66 =	**i** 6.65 − 2.7 =	**j** 7.63 − 4.86 =
k 3.21 + 4.32 + 1.44 =	**l** 1.04 + 3.22 + 2.58 =	**m** 3.2 + 2.2 + 2.45 =	**n** 3.31 + 0.6 + 5.74 =	**o** 23.17 + 32.67 + 41.27 =

2. Use the measurements below to solve the problems.

lunch seat 3.73 m

table 1.36 m

lounge 2.26 m

car 4.65 m

a	What is the total length of the lunch seat and the lounge if placed end to end?	3.73 + 2.26 =
b	What is the difference between the length of the car and the length of the table?	. − . =
c	What is the total length of the table and car if placed end to end?	. + . =
d	What is the difference between the length of the lunch seat and the length of the lounge?	. − . =

3. Solve the problems and show your working out.

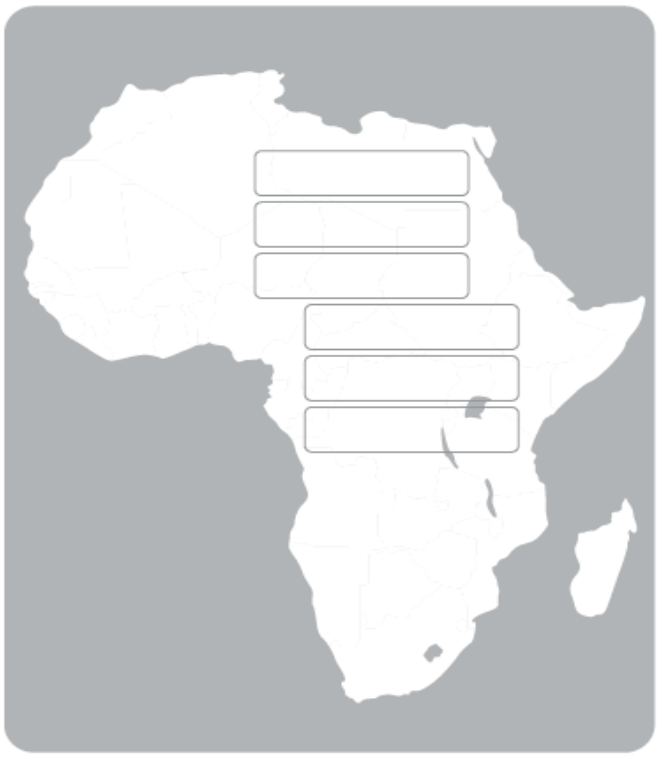
a) Mrs Donatiello is 1.76 m tall and Mr Jim is 1.58 m tall. How much taller is Mrs Donatiello than Mr Jim?

b) The potatoes weighed 28.6 kg and the onions weighed 14.3 kg. How much heavier are the potatoes?

Extension: *Archie received $65.00, he spent $23.00 on a new game and $14.00 on a book. How much money did Archie spend and how much change did he receive?*

Natural Features of countries in Africa and South America

1. Write the names of the countries listed below in their correct continent. Use an atlas or Google Maps to help you.



Madagascar	Brazil	Morocco	Venezuela
Ecuador	Ghana	Peru	Nigeria
Kenya	South Africa	Chile	Colombia

2. Find these places on Google Earth and complete the table.

	Continent	Capital City	A Natural Feature
Kenya			
Uruguay			
Argentina			
Ethiopia			
Australia			

So Many Satellites!

At this moment, there are more than 2,400 artificial satellites orbiting the earth! A satellite is any object that circles a planet. The moon is a natural satellite. Machines that people make and send into space are artificial satellites.

There are many different kinds of satellites. Weather satellites are used not only to predict the weather, but also to monitor the effect of storms and other natural events. Communication satellites connect people on airplanes, ships, and rural areas. There are TV satellites and satellites for space research. If you use a GPS to keep from getting lost, you are using a network of 20 satellites. GPS stands for Global Positioning Systems.

Some satellites orbit close to the Earth. They are only about 180 miles (300 km) above us. A close-orbiting satellite can circle the earth in about 90 minutes. Other satellites orbit far above the Earth. A satellite that is 22,187 miles (35,786 km) above the Earth has an orbit of exactly 24 hours. If the satellite orbits above the equator, it will always stay in the same place relative to the Earth. Weather and communications satellites use this type of geostationary orbit.

Comprehension Questions

1. What is an artificial satellite?

_____

_____

2. What is the main idea of the second paragraph?

_____

_____

3. What is a geostationary orbit?

_____

_____

4. What is the author's purpose?

a) to persuade b) to inform c) to entertain

Give evidence from the text to support your answer:

_____

_____

_____

Friday

1. 23 – 5 = ____

2. 49 + 44 = ____

3. 87 + 100 = ____

4. 10 ÷ 2 = _____

5. 10 x 5 = ____

6. 348 is an odd number. True or false? _____

7. Complete this counting pattern:
15, 22, 29, 36, _____, _____, _____

8. If there were 53 fans at a softball game, 29 were wearing purple and the rest were wearing orange, how many were wearing orange? ____

9. Divide 54 by 6. _____

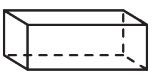
10. $2.00 + 20 cents + 50 cents = _____

11. 5 cents + $2.00 + $1.00 = _____

12. How many minutes from 9 am to 4 pm? _____

13. How many weeks is 42 days? _____

14. How many faces does a rectangular prism have? _____



15. Which star has the highest chance of being selected? Black or white? _____