St Johns Park Public School - Year 5, Term 3, Week 9

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	**FITNESS:** • 15 jumping jacks • Side to side step for 30 seconds • Sprint on the spot for 40 seconds • 20 arm circles **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** We have been learning to analyse texts and explain the author's purpose. This week, we are going to investigate how people change the natural environment in India. Read the text India Facts: Discover This Incredible Country. Predict how you think people use or change the natural environment in India.	**FITNESS:** • 15 jumping jacks • Side to side step for 30 seconds • Sprint on the spot for 40 seconds • 20 arm circles **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** View the video Exploration India – Episode 3 Rural Life. In this video, we learn about how land is used for farming in India. As you watch the video, make a dot point summary of the key ideas in your book. Feel free to pause and start the video when you need to. Then answer the following questions: 1. What is subsistence farming?	**FITNESS:** • 15 jumping jacks • Side to side step for 30 seconds • Sprint on the spot for 40 seconds • 20 arm circles **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** When an author plans, composes, revises and edits before publishing their work, they often think about the **text features** and **language features**. Read the article What's Happening in India's Forests? Remembering the different purposes (**P**ersuade, **I**nform and **E**ntertain), what is the author's purpose and message? How can you tell?	**FITNESS:** • 15 jumping jacks • Side to side step for 30 seconds • Sprint on the spot for 40 seconds • 20 arm circles **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** Revisit the article What's Happening in India's Forests? List the different text features that the author has decided to include. Explain what the purpose of each text feature is. Examples of text features could be graphs, headingscaptions. Link: https://www.globalforestwatch.org/blog/data-and-research/whats-happening-in-india-forests/	**FITNESS:** • 15 jumping jacks • Side to side step for 30 seconds • Sprint on the spot for 40 seconds • 20 arm circles **Repeat these steps 3 times** **ENGLISH:** **Reading & Viewing** When people make changes to the natural environment, these factors shape the places. Humans can influence places. Watch the video The Farmers fighting for India's forests. How has the organisation 'Farmers for Forests' changed the land? Has it had positive or negative impacts on the land? Link: https://www.dw.com/en/the-farmers-fighting-for-indias-forests/av-57596470

Highlight the parts of the texts that help you predict this.

Link:
https://www.natgeokids.com/au/discover/geography/countries/country-fact-file-india/

Writing and Representing

Task: Choose 3 headings from the article above. Rewrite these paragraphs using your own words to teach (inform) an Australian student about the country of India.

Speaking and Listening

What were 3 interesting things you learnt about India that you did not already know?

Record and post your response.

Spelling

Copy your words and practice them daily using the 'Look, Cover, Write & Check' method.

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2. How have people changed the way they plant the seeds?

3. Do you agree with how the land is being used in India? Include one example from the video to support your opinion.

Link:
https://iview.abc.net.au/video/ZW0388A003S00

Writing & Representing

Use the dot point summary you created during the reading lesson to assist with this task.

Task: Take on the point of view of an Indian farmer.
Write a letter to a relative in Australia to describe your lifestyle and experiences.

Refer to the information provided by the locals from the video to support your response (e.g. experiencing flooding, having to lend crops etc.)

Speaking & Listening

Record yourself reading the letter out loud. Be sure to adjust your voice to suit the emotions and perspectives of an Indian farmer.

Link:
https://www.globalforestwatch.org/blog/data-and-research/whats-happening-in-india-forests/

Writing & Representing

The article above shares a common theme with other texts we have read in the past.

Make a text-to-text or text-to-world connection and write your response in your book.

e.g. This article reminds me of ____ because _____.

Spelling

Choose 5 words that you would like to expand your vocabulary knowledge on.

Define each using a dictionary in your own words and then use them in sentences.

Pay particular attention to the part of speech (verb, adjective etc.) the words belong to ensure your sentences make sense.

Use this link for ideas:
https://sentence.yourdictionary.com

Writing & Representing

Free choice writing: Choose anything you would like to write about today.

Be sure to have a purpose (persuade, inform, entertain) and audience (who you're writing to) in mind.

Some ideas could include:
● Letter to ____
● Day in the life of ____
● Fact sheet on ____

Spelling

Choose 5 words that you would like to expand your vocabulary knowledge on.

Define each using a dictionary in your own words and then use them in sentences.

Pay particular attention to the part of speech (verb, adjective etc.) the words belong to ensure your sentences make sense.

Use this link for ideas:
https://sentence.yourdictionary.com

Speaking & Listening

Thinker's Keys:
The BAR Key:

Gain some background information on **greenhouses** using this link:
https://www.britannica.com/topic/greenhouse

Improve the current design of a **glass greenhouse** to improve its functionality using the BAR acronym:

Bigger - choose an aspect of the greenhouse to make bigger
Add - add a new feature to the greenhouse
Replace - replace a feature of the greenhouse

Be sure to provide reasons on why you made these choices.
e.g. I have decided to replace the glass material because...

Voice/video record your idea on seesaw.

Spelling
Write a silly story using the 10 spelling words you defined this week.

| **Break** | **Break** | **Break** | **Break** | **Break** | **Break** |

Middle	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS

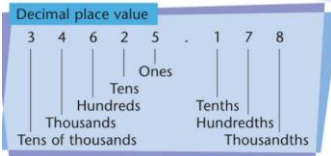**Column 1 — MATHEMATICS**

Complete - Maths Mentals

Log in to *Mangahigh* and complete the assigned activity.

Decimal Place Value

Think of the decimal 12.57. There are 12 whole numbers or ones, there are 57 hundredths, or 5 tenths and 7 hundredths, the number is more than 12 but less than 13...

Now think of the decimal 14.803 and tell me what you can about this number.

Complete the worksheet 'Decimal Place Value' as further revision of decimals.

Decimal place value
3 4 6 2 5 . 1 7 8
Ones
Tens
Hundreds   Tenths
Thousands   Hundredths
Tens of thousands   Thousandths

Use the above picture to help you remember the place value to the right of the decimal point.

Column 2 — MATHEMATICS

Complete - Maths Mentals

Data

Collecting data is a way of finding out information about a group of people or about things that they do.

When we collect information (for example by asking a question), we then need to present the information in a clear and easy-to-read way. This can be in the form of a table or a graph.

List down in your workbook as many different graphs as you can.

Complete the 'Interpreting Graphs' worksheet.

Column 3 — MATHEMATICS

Complete - Maths Mentals

Log in to *Mangahigh* and complete the assigned activity.

Calculate Flexibly

Use the numbers 1, 2, 3, 4, and the operations +, −, ×, ÷ to make equations that equal 24.

Write down 10 different equations you can think of. The equations must equal 24 exactly, consider BODMAS when creating these equations.

Math Games

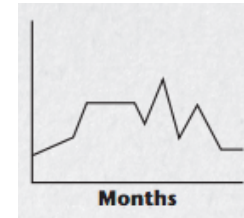Select some games to play to improve your mathematics skills.

Free Multiplication Math Games | Multiplication.com

Column 4 — MATHEMATICS

Complete - Maths Mentals

Line Graphs

Data can be recorded on a line graph by using a line to join plotted points.

Months

Think of a story to describe the line graph above. The only information you have is that the horizontal axis is labelled "Months". What could the question have been? What could the data be telling us?

Complete the worksheet 'Line Graphs' using the given information.

Column 5 — MATHEMATICS

Log in to *Mangahigh* and complete the assigned activity.

Patterns

We can use equivalent number sentences that involve multiplication and division to find unknown quantities.

Complete the 'Missing numbers' worksheet to solve equations with missing numbers.

Mangahigh Games

Choose a game on mangahigh to complete. If you have finished all of the assigned activities, it should allow you to choose from the Game Centre.

	HSIE – GEOGRAPHY	SPORT	DRAMA	SCIENCE	SPORT
	LI: To recognise the positive and negative impacts humans have on the environment **SC: Identify the different environmental changes caused by humans.** Humans play a major role in changing the natural environment. In your workbook write what these certain changes might be. Do you think all these changes will be positive or negative? Upload your responses on Seesaw.	Keeping active through physical activity and sport has many benefits for the body. Go outside and play a sport of your choice for at least 30 minutes.	Choose four cards from the Olympic Games Movement sheet. Record yourself acting out each event and upload it onto Seesaw.	**Inquiry Focus: What are stars and constellations?** **Research Task** How did Indigenous people use their knowledge of stars to survive? Write one paragraph.	Keeping active through physical activity and sport has many benefits for the body. Go outside and play a sport of your choice for at least 30 minutes.
Break	**Break**	**Break**	**Break**	**Break**	**Break**

|	PERSONAL DEVELOPMENT/HEALTH	SCIENCE	HSIE – GEOGRAPHY	DANCE	VISUAL ARTS
Afternoon	**Fruit and Vegetable Month** Watch this video: Takes notes of interesting facts https://tinyurl.com/hxd9tfj7 List at least six fruit or vegetables that fit into the different colours listed: **Red** **Orange/Yellow** **Blue/Purple** **Green** **White/Brown** For each colour group, list the health benefits they provide us **Whole School Task** Create a fruit and vegetable art display that is completely edible. Take a photo and post it on Seesaw. (Amazing entries will be posted online.)	**Inquiry Focus: What are stars and constellations?** Watch the following videos and answer the questions in full sentences. **Super Stars** https://www.youtube.com/watch?v=MZffhapfOgg 1. What is a star? 2. What is a constellation? **Constellation Location** https://www.youtube.com/watch?v=BbzCA0Lgf3Y 3. Are all of the constellations always visible from the sky, from everywhere on Earth? Write a one paragraph explanation. **The Zodiac Constellations** https://www.youtube.com/watch?v=eBIS17Va9sA 4. What are all the constellations in the Zodiac and what patterns do they form? Draw a diagram including the months of the year, the names of the constellations and the patterns they form.	**LI:** To recognise the positive and negative impacts humans have on the environment **SC:** Identify the different environmental changes caused by humans. **View "Man" video.** https://www.youtube.com/watch?v=WfGMYdalClU Students watch the "Man" video. After watching complete the PMI on which students identify the different environmental changes caused by humans. Note that many of these are negative and that the most prevalent one is pollution. Then skip the video to 1:46. Identify the different types of pollution in the video. Record the extent of noise pollution in different locations of your house. Afterwards, share your findings on the location with the worst and least noise pollution. What are the different ways to counteract noise pollution keeping in mind that the degree of pollution permeating our daily lives is quite significant? Upload your findings on Seesaw Optional If you have an iPad, can you download the noise meter app called Decibel 10th **(if your parents allow you to look for the free ones do not buy it).** Investigate the extent of noise pollution in different locations of your house. Afterwards, share your findings on the location with the worst and least noise pollution. What are the different ways to counteract noise pollution keeping in mind that the degree of pollution permeating our daily lives is quite significant?	**Watch and complete the following:** **www.youtube.com/watch?v=KhfkYzUwYFk** **www.youtube.com/watch?v=D80LZz2WkZs&t=54s** **www.youtube.com/watch?v=f8Y-2Gn_UHM** **Film yourself or describe your experience.**	Activity: Draw a Flower garden-Spring season scenery You need: oil pastels or crayons/coloured pencils, lead pencil, black Sharpie felt tip pen. Watch the website below: https://www.youtube.com/watch?v=xKpLNx6eEpg *Be flexible and creative! *Upload your flower garden to Seesaw.

Week 9 Spelling

1. stalemate

2. sword

3. thicket

4. tweezers

5. attic

6. ramshackle

7. rummage

8. stamina

9, tranquil

10. unscathed

11. permanence

12. plaintiff

13. proportional

14. racketeer

15. accomplice

16. supplementary

17. unquenchable

18. vivacious

19. affidavit

20. antagonist

Week 9 - Questions

Monday

1. 21 - 18 = _____

2. 97 + 62 = _____

3. 36 ÷ 6 = _____

4. 10 x 11 = _____

5. 66 ÷ 11 = _____

6. Round 33594 to the nearest hundred. _____

7. Write the largest number you can using: 6, 5, 2, 5, 8, 2. _____

8. Complete this counting pattern:
65, 73, 81, 89, _____, _____, _____

9. Complete this counting pattern:
16, 20, 24, 28, _____, _____, _____

10. What is the sum of 30 and 66? _____

11. Double 95 = _____

12. 50 cents + $2.00 + $1.00 = _____

13. What is 1/7 of 63? _____

14. What is 1/2 of 794? _____

15. Write these decimals in descending order:
0.32, 0.99, 0.39, 0.62 _____

16. Write these decimals in ascending order: 0.41, 0.36, 0.99, 0.67 _____

17. 48 hours = _____ days

18. The length of a rectangle's sides are 7cm and 8cm. What is its area? _____

19. How many vertices does a rectangular prism have?
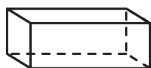
20. Which star has the highest chance of being selected? Black or white? _____

Tuesday

1. 34 + 78 = _____

2. 33 - 28 = _____

3. 3 x 7 = _____

4. 15 ÷ 5 = _____

5. 120 ÷ 12 = _____

6. Round 81773 to the nearest hundred. _____

7. Write the numeral for twenty-five thousand, four hundred and seventy-seven: _____

8. Complete this counting pattern:
94, 101, 108, 115, _____, _____, _____

9. Complete this counting pattern:
92, 97, 102, 107, _____, _____, _____

10. What is the difference between 82 and 56? _____

11. Double 80 = _____

12. $2.00 + 20 cents + 10 cents = _____

13. What is 1/9 of 45? _____

14. What is 1/8 of 8? _____

15. Write these decimals in ascending order: 0.73, 0.28, 0.54, 0.58 _____

16. Write these decimals in descending order:
0.33, 0.95, 0.59, 0.60 _____

17. How many minutes from 10 am to 6 pm? _____

18. The length of a square's sides are 4cm. What is its area? _____

19. What type of angle is 129°? _____

20. Imagine these circles are in a bag. What is the probability of pulling out a black circle? _____

Week 9 - Questions

Wednesday

1. 85 - 72 = _____

2. 95 + 33 = _____

3. 9 × 6 = _____

4. 90 ÷ 9 = _____

5. 0 × 12 = _____
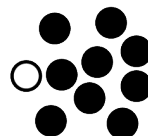
6. Round 46645 to the nearest thousand. _____

7. Write the smallest number you can using: 3, 8, 3, 9, 3, 1. _____

8. Complete this counting pattern:
77, 87, 97, 107, _____, _____, _____

9. Complete this counting pattern:
81, 91, 101, 111, _____, _____, _____

10. What is the difference between 19 and 17? _____

11. Divide 70 by 7. _____

12. What is the price after taking 50% off $50? _____

13. What is 1/4 of 32? _____

14. What is 1/7 of 56? _____

15. Write these decimals in ascending order: 0.82, 0.36, 0.95, 0.70 _____

16. Write these decimals in descending order: 0.91, 0.23, 0.81, 0.49 _____

17. How many minutes from 5 am to 12 pm? _____

18. The length of a rectangle's sides are 87cm and 47cm. What is its perimeter? _____

19. Draw a line of symmetry on this triangle:
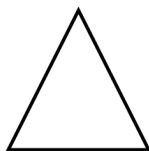
20. Imagine these circles are in a bag. What is the probability of pulling out a white circle? _____

Thursday

1. 97 + 42 = _____

2. 27 - 27 = _____

3. 48 ÷ 8 = _____

4. 6 × 8 = _____

5. 11 × 8 = _____
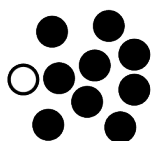
6. Round 43373 to the nearest hundred. _____

7. Write 28663 in words:
_____

8. Complete this counting pattern:
74, 83, 92, 101, _____, _____, _____

9. Complete this counting pattern:
58, 70, 82, 94, _____, _____, _____

10. If there were 106 fans at a rugby union game, 66 were wearing blue and the rest were wearing pink, how many were wearing pink? _____

11. What is the average of 0, 0 and 0? _____

12. What is the price after taking 50% off $73? _____

13. What is 1/7 of 7? _____

14. What is 1/11 of 22? _____

15. Write these decimals in ascending order: 0.56, 0.34, 0.30, 0.47 _____

16. Write these decimals in descending order: 0.30, 0.56, 0.63, 0.24 _____

17. 360 minutes = _____ hours

18. The length of a rectangle's sides are 47cm and 34cm. What is its perimeter? _____

19. How many vertices does a triangle-based pyramid have?
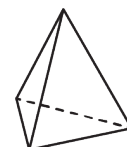
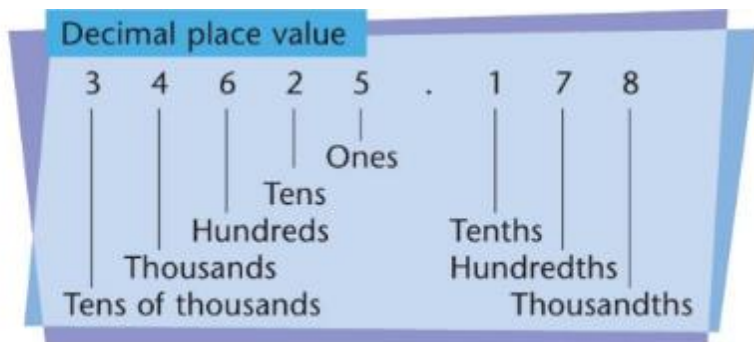20. Imagine these triangles are in a bag. What is the probability of pulling out a white triangle? _____

Monday Mathematics

Decimal Place Value

4 State the place value of each bold digit.

Decimal place value

| 3 | 4 | 6 | 2 | 5 | . | 1 | 7 | 8 |

Ones
Tens
Hundreds — Tenths
Thousands — Hundredths
Tens of thousands — Thousandths

a 0.3**6** _____

b 3.39**7** _____

c **5**.475 _____

d 6.3**8**7 _____

e 6.**8**67 _____   i 8**5**.791 _____

f 29.4**7**6 _____   j 23.07**4** _____

g 3**6**.584 _____   k 49.7**6**8 _____

h **7**4.346 _____   l **1**86.540 _____

5 Write the number before and after each decimal.

a _____ 36.273 _____   c _____ 369.47 _____   e _____ 26.359 _____

b _____ 274.56 _____   d _____ 357.24 _____   f _____ 47.807 _____

7 The six people in the following group were measured and their heights recorded.

| Kimberly | 1.553 m | Scott | 1.647 m | Sarah | 1.648 m |
| James | 1.435 m | Trent | 1.390 m | Catherine | 1.349 m |

1.553 m means 1 m and 553 mm.
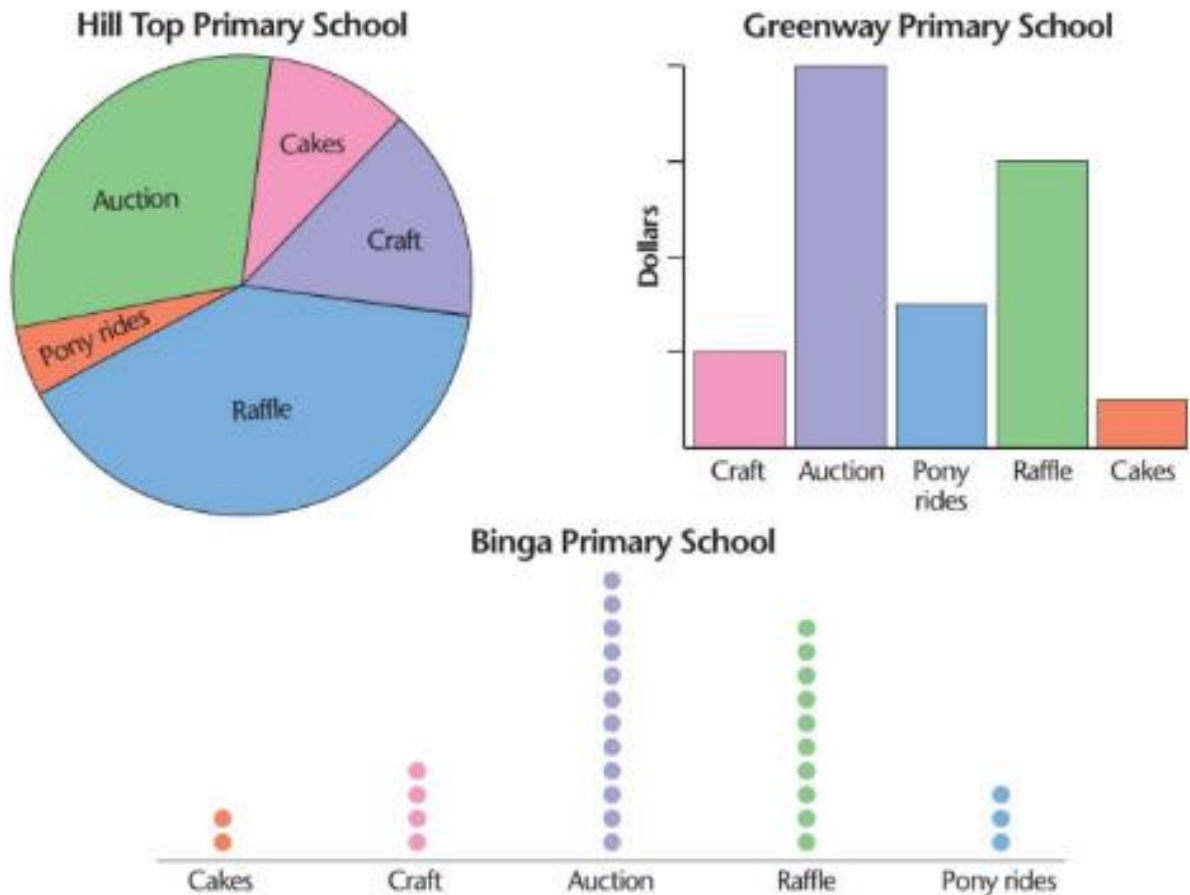
a Who is the tallest person? _____

b Who is the shortest person? _____

c Who is 1 mm taller than Scott? _____

d Whose height is between Catherine and Kimberly? _____

Tuesday Mathematics

Interpreting Graphs

Three primary schools each raised the same amount of money at their fetes.

Hill Top Primary School

Greenway Primary School

Binga Primary School

6 Answer these questions.

a Which activity raised the most money at Hill Top School? _____

b Which activity raised the most money at Greenway School? _____

c Which activity raised the most money at Binga School? _____

d Which activity raised the least amount at Binga Primary School? _____

e Which activity raised the least amount at Hill Top Primary School? _____

f Which activity raised the least amount at Greenway Primary School? _____

g Were pony rides the least successful at all schools? _____

h Which two activities raised the most money at all schools? _____

i Which was more successful at Greenway, craft or pony rides? _____

j Which was more successful at Binga, craft or pony rides? _____

k Which was less successful at Hill Top, craft or cakes? _____

l If $300 was raised at Hill Top's auction, is it reasonable to say that the raffle raised about $350? _____

Olympic Games Movement Cards

Basketball

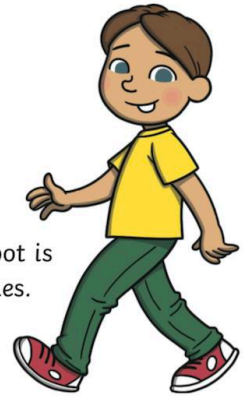Pretend you are dribbling a basketball across the court, then shoot a goal!

Boxing

Shadow box for one minute! This means to punch the air up high, in the middle and down low.

Race Walking
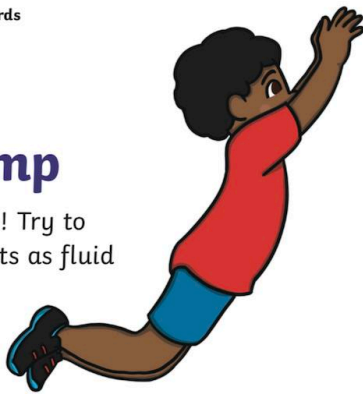
Walk around as fast as you can, but make sure that one foot is touching the ground at all times.

Triple Jump

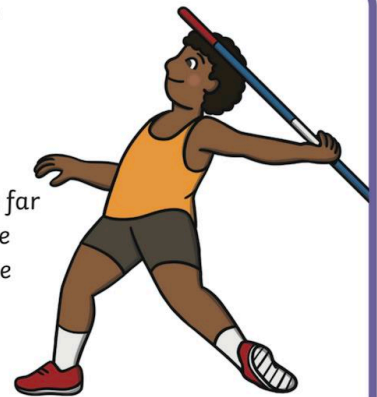Hop, step and jump! Try to make the movements as fluid as possible.

Javelin

Throw your pencil as far as you can. Make sure none of your peers are in the way!

Weightlifting

Hold a stick over your head with two hands and do as many squats as you can. Bonus points for making it look really heavy!

Gymnastics

Do a forward roll. Don't forget to stand up, lift your arms to the sky and wait for your applause at the end!

Thursday Mathematics

Line Graphs

9 An average Australian car uses 12 litres of petrol for every 100 km travelled.

a Complete the table to show how far the car could travel on the litres supplied.

Litres	6	12	18	24	30	36	46
Kilometres	50	100	150				

b Record this information on the line graph.

c How far did the car travel on 24 L of petrol? _____

d How far did the car travel on 36 L of petrol? _____

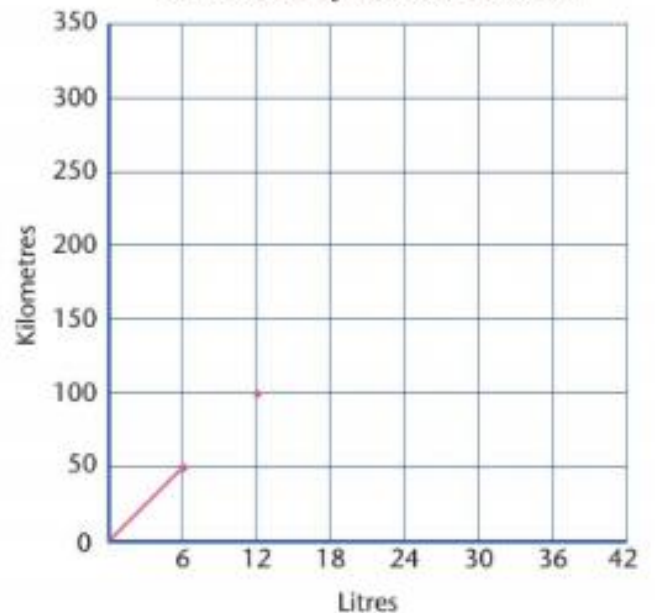e How far would the car travel on 9 L of petrol? _____

f How many litres would the car use for a 250 km trip? _____

g How many litres would the car use for a 350 km trip? _____

h How many litres would the car use for a 400 km trip? _____

Litres used by an Australian car

10 Drawing a line graph.

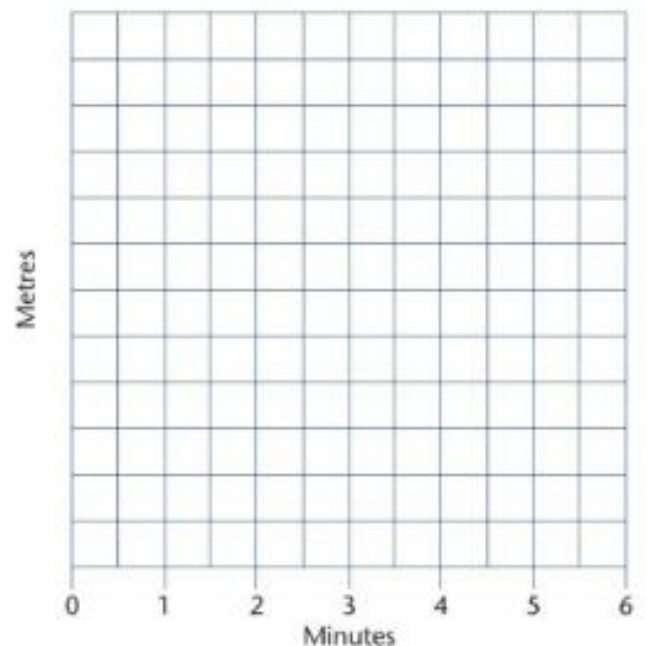Jane's athletics coach made a table of the distances she walked in 6 minutes.

Minutes	1	2	3	4	5	6
Metres	200	400	600	800	1000	1200

a Create a line graph to represent this data. You will need to work out a scale for the vertical axis before you start.

b If Jane walked for 10 minutes, how far would she walk? _____

c How far would she walk in $2\frac{1}{2}$ minutes? _____

Jane's walk

Friday Mathematics

Missing Numbers

6 Solve each number sentence by finding the missing numbers.

a $3 + \boxed{} = 11$ f $3 \times \boxed{} = 27$ k $3 \times 5 + \boxed{} = 19$

b $20 - \boxed{} = 13$ g $10 \times \boxed{} = 30$ l $6 \times 3 + \boxed{} = 30$

c $27 + \boxed{} = 40$ h $16 \div \boxed{} = 4$ m $5 \times \boxed{} + 6 = 26$

d $30 - \boxed{} = 15$ i $42 \div \boxed{} = 7$ n $6 \times \boxed{} - 5 = 25$

e $35 - \boxed{} = 20$ j $6 \times \boxed{} = 54$ o $7 \times \boxed{} + 9 = 58$

7 Given the value of the triangle in each group, find the value of all the other shapes. Write their values on them, then complete the number sentences.

$\triangle = 7$ $\triangle = 5$

a $\triangle + \square = 15$
   $\square + \bigcirc = 17$
   $\bigcirc - \triangle = \underline{}$
   $\bigcirc + \triangle = \underline{}$
   $\triangle \times \square = \underline{}$
   $\triangle + \square + \bigcirc = \underline{}$

b $\triangle \times \bigcirc = 35$
   $\bigcirc \times \square = 42$
   $\square \times \triangle = \underline{}$
   $37 - \square = \underline{}$
   $42 - \square = \underline{}$
   $(\triangle + \bigcirc) \times \square = \underline{}$

Mmmmmm!

8 Solve these equations expressed in words.

a Seventeen oranges plus 8 oranges minus 6 oranges = _____ oranges

b Twenty dollars plus \$27 plus \$30 = \$ _____

c Nine dollars times 6 plus \$16 = \$ _____

d Thirty-five books shared among five children = _____ books

9 Challenge! Use the numbers 4, 5 and 6 in each equation to obtain the answer.

a $\boxed{} \times \boxed{} + \boxed{} = \boxed{26}$ c $\boxed{} \times \boxed{} + \boxed{} = \boxed{29}$

b $\boxed{} \times \boxed{} + \boxed{} = \boxed{34}$ d $\boxed{} \times \boxed{} - \boxed{} = \boxed{19}$