

Learning Grid - Maths

Work through the tasks on this grid to support your maths learning.

Practice your multiplication facts and automatic recall

Multiplication Table

x	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
6	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
7	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105
8	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120
9	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135
10	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
11	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165
12	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180
13	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195
14	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210
15	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225

Draw a hundreds board.

- Colour the prime numbers in one colour
- Use another colour to shade the composite numbers

Remember: A prime number only has two factors (1 and itself).
Composite numbers have more than 2 factors.

Use BOMDAS to solve these equations:

- $60 \div 6 + 44 \div 11 - 3 =$
- $5 \times 5 + (3 \times 8 + 6) - 21 =$
- $108 \div 12 \times 7 - 3 =$
- $6 \times 2 \times 4 + 3 \times 9 =$
- $7 \times 5 + (6 + 4 + 10) =$
- $(54 \div 9 + 2) \times 6 - 12 =$
- $100 + 8 \times 4 - 22 =$
- $(81 \div 9 + 2) \times 5 =$
- $60 \div 5 + 12 \div 2 =$
- $3 \times 2 + 5 \times 8 + 4 =$
- $(99 + 7 - 6) \times 3 =$

Use your knowledge of percentage to answer these questions

- What is 50% of 200?
- What is 25% of 40?
- A TV is on sale from \$1200 down to \$960. What is the percent discount?
- How much will you save if the offer is 25% off \$80?

Use double and halve to solve the following problems:

- $4 \times 16 =$
- $3 \times 20 =$
- $34 \times 5 =$
- $3.5 \times 12 =$
- $18 \times 3 =$
- $14 \times 2.5 =$

Two truths and a lie. Which sum is incorrect? Show your working.

- $49 \times 5 = 245$
- $342 - 6 \times 7 = 2352$
- $(7 \times 3 + 9) + 33 - 6 = 57$

Write a two truths and a lie problem for a family member.

Use standard algorithms to solve the following:

- $43 \times 21 =$
- $156 + 342 =$
- $92 \times 3 =$
- $4512 + 3765 =$
- $7391 - 4270 =$
- $5632 - 4281 =$
- $76 \times 8 =$

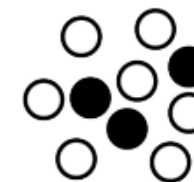
Write these decimals in ascending order:

- 0.71, 0.89, 0.69, 0.28
- 0.91, 0.59, 0.17, 0.42

Write these decimals in descending order:

- 0.33, 0.49, 0.82, 0.90
- 0.67, 0.19, 0.29, 0.14

Which circle has the lowest chance of being selected? Black or white?



Think of the number 165 348

- Represent it in words
- Represent it using a place value chart
- Which number is 4 tens larger?
- Write the number 3 thousands bigger
- Write the number 5 ones smaller

Change the number and work out the questions for your new number. What other questions could you find the answer to?

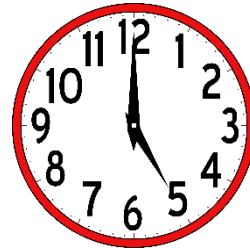
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- What is the largest odd number you can make?
- What is the largest even number you can make?
- Which is larger?
- What is the smallest even/odd number you can make?

Answer the same questions for: 719326 and 082574

Order your daily tasks from shortest to longest duration.

E.g. – Shower, eat breakfast, read, get dressed, play outside, clean your room, do your schoolwork, go for a bike ride, eat lunch etc



Complete the following table:

Fraction	Decimal	Percent
4/5		
	0.75	
		50%
1/4		
	0.40	
9/10		
		60%
	1	

A bus leaves Woodridge at 8:15am and arrives at Loganlea at 8:43am.

- How long did it take to get from Woodridge to Loganlea?
- Could you start school at 9am if the walk from the Loganlea bus stop is 8 minutes?
- What time would you arrive at school?

On a regular school day (8:30am-2:30pm), how many minutes are you at school for?

Lunch breaks are from 10:30-11:05am and 1:05-1:40pm. How long is spent in the playground?

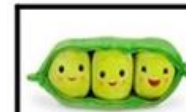
How long is spent in class?

Order the following numbers from smallest to largest.

512 476
339 853
339 863
427 835
215 634
784 653

Where would 634 829 go in your order?

The cost of entry for an adult to the movies is \$24.



The cost for a child is two-thirds the cost of an adult.





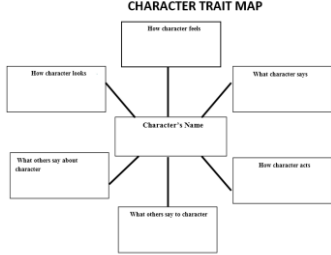
Find the cost of one adult and one child plus two snack combos for \$8 each.



If two adults take 3 children and save 20% of their total bill, how much did they pay?

Learning Grid - English

Work through the activities on this grid to support your learning of English.

<p>Word changers – Add as many different suffixes to the following words to change their meaning:</p> <p>E.g. – Run – running, runner, runs</p> <ul style="list-style-type: none"> • relate • sprint • happy • work • smile • friend 	<p>Write a narrative including a pebble, rock and boulder.</p> <p>Who are your characters?</p> <p>What are their traits?</p> <p><u>Remember: Write a little, read a little. Check your writing makes sense.</u></p> <p>Edit your text and make any changes.</p> <p>Add illustrations to your text.</p>	<p>Draw a detailed map of the setting from a book you are reading. Label it.</p> 	<p>Write persuasive text on why animal testing <u>must</u> be stopped.</p> <p>Use high modality language to strengthen your point of view (e.g. – must)</p> <p>Use emotive language to hook your reader.</p> <p>Include research in your text.</p>	<p>Create a multiple choice quiz for a book you are reading. Test a family member or friend and see how they go.</p> 
<p>Write a sentence for each of the following words:</p> <ul style="list-style-type: none"> • amazing • absolutely • unbelievable • found • shocking • happier 	<p>Write an information text on an animal of your choice. Be sure to include:</p> <ul style="list-style-type: none"> • Habitat • Diet • Size and appearance • Classification • A picture or drawing 	<p>Imagine you are hosting a big party...</p> <ul style="list-style-type: none"> • Write a guest list • Write a shopping list • Make invitations • Write a persuasive letter convincing your parents it's a good idea 	<p>Invent a new character for a book you are reading. Draw and describe this character.</p> 	<p>Use a dictionary or the internet to find the definition of these words:</p> <ul style="list-style-type: none"> • inconclusive • forage • eradicated • omnivore • roam • hibernate

Be sure to read every day.

READ AT HOME BINGO

When you complete a task, color in the box! How many times can you get BINGO? Can you complete the card?

Read aloud to someone	Read a fiction text	Read for 15 minutes	Read a book about animals
Read twice in one day	Read to your pet or stuffed animal	Read then draw a picture	Take turns reading a page with someone
Read in bed	Retell a book	Write a sequel to a book you've read	Read with a torch
Read on the couch or a comfy chair	Ask someone to read to you	Read a non-fiction book	Read for 20 minutes

Imagine you have just witnessed a bank robbery. Write a paragraph about what you saw in subjective language (from your personal viewpoint), then another paragraph using objective language (from an unbiased viewpoint, stating only the facts).

Your yearbook art entry has just been chosen as the cover for the 2021 Seniors Yearbook. Prepare and deliver your acceptance speech for your win!



Upgrade these words:

- good
- hungry
- sad
- happy
- nice
- funny
- eat
- hard
- better
- big

Go on a word hunt. How many words in the newspaper can you find:

- With an i
- Starting with b
- Ending in -ing
- With a suffix
- Longer than 7 letters
- The word "and"
- Adjectives
- Proper nouns

Make connections between stories you read and real life.

- What does it remind you of?
- Have you ever...?
- Was there a time when you...?

Write a review of a movie you have seen recently.

Write a procedural text for how to make your favourite movie snack.

Do dictation by listening to four lines from that movie. Turn on subtitles to check your spelling.

