

CardEd

Challenge #9



RED	>									
ct	<i>from</i> <i>_rom</i> <i>pr_m</i> <i>_ram</i> <i>grab</i>									
51	<table border="1"><tr><td>8</td><td>1</td><td></td></tr><tr><td>3</td><td>5</td><td>7</td></tr><tr><td>4</td><td></td><td>2</td></tr></table>	8	1		3	5	7	4		2
8	1									
3	5	7								
4		2								



Mathematical/Image Zone

Can you solve the magic square?

Find the magic number and ensure each row, column and diagonal adds up to it.

8	1	
3	5	7
4		2

Mathematical/Image Zone

Can you solve the magic square?

Find the magic number and ensure each row, column and diagonal adds up to it.

8	1	6
3	5	7
4	9	2

Letter Zone

How many words ending in -ct can you think of? (Hint: Place a vowel in front of -ct and think of rhyming words, e.g., act, tact. Now think of longer words, e.g., react.)

What word, ending in -ct, means:

- to select by vote for an office?
- to supervise or oversee e.g., a play?
- to check for flaws by examining carefully?
- no longer existing?
- to consider (a person) guilty without proof?
- the decision of the jury after the trial?
- being without defect or blemish? perfect
- to direct the performance of an orchestra?

Letter Zone

How many words ending in -ct can you think of? (Hint: Place a vowel in front of -ct and think of rhyming words, e.g., act, tact. Now think of longer words, e.g., react.)

What word, ending in -ct, means:

- to select by vote for an office? **elect**
- to supervise or oversee e.g., a play? **direct**
- to check for flaws by examining carefully?
inspect
- no longer existing? **extinct**
- to consider (a person) guilty without proof?
suspect
- the decision of the jury after the trial?
verdict
- being without defect or blemish? **perfect**
- to direct the performance of an orchestra?
conduct

Number Zone

What is 10 more and 10 less than 51?

Is 51 a prime or composite number?

List the factors of 51. What is their total?

What is 51 more and less than 373?

In which southern hemisphere country would I be if I spent NZD \$51?

In 1951, the first colour television pictures were broadcast from the Empire State Building. How many years ago was that?

Find the difference between 51 and 51 written backwards.

Number Zone

What is 10 more and 10 less than 51? **61/81**

Is 51 a prime or composite number?
Composite

List the factors of 51. What is their total? **1 + 3
+ 17 + 51 = 72**

What is 51 more and less than 373? **424/322**

In which southern hemisphere country would I be if I spent NZD \$51? **New Zealand**

In 1951, the first colour television pictures were broadcast from the Empire State Building. How many years ago was that? **69**

Find the difference between 51 and 51 written backwards. **36**

Word Zone

from
_rom
pr_m
_ram
grab

Can you solve the word ladder?

What 2 letters can be swapped in 'from' to make a new word?

What is the best thing about the country you are from?

Change one letter in grab to make a new word.

If there was an emergency and you had to leave your house immediately, what three things would you grab?

Beginning with grab, can you create your own word ladder for someone else to solve?

Word Zone

from
prom
pram
gram
grab

Can you solve the word ladder?

What 2 letters can be swapped in 'from' to make a new word? form

What is the best thing about the country you are from? **Discuss**

Change one letter in grab to make a new word. E.g., drab, gram, grub

If there was an emergency and you had to leave your house immediately, what three things would you grab? **Discuss**

Beginning with grab, can you create your own word ladder for someone else to solve? E.g., pram - pray - play - ploy - cloy

Symbol Zone

What symbol is shown on this card?



Investigate the sizes of the world's top 5 largest lakes. Create a sentence comparing the sizes of the lakes using this symbol.

Which lake will you need to begin with?

Now substitute the lake names for their length in figures.

What is the difference between the largest and smallest of these 5 lakes?

Symbol Zone

What symbol is shown on this card? **Greater than**



Comparing the sizes of the world's top 5 largest lakes.

Caspian Sea > Lake Michigan-Huron > Lake Superior > Lake Victoria > Aral Sea

Which lake will you need to begin with? **The largest one**

Now substitute the lake names for their length in figures.

$371,000 \text{ km}^2 > 117,585 \text{ km}^2 > 82,103 \text{ km}^2 > 68,800 \text{ km}^2 > 68,000 \text{ km}^2$

What is the difference between the largest and smallest of these 5 lakes? **$371,000 \text{ km}^2 - 68,000 \text{ km}^2 = 303,000 \text{ km}^2$**

Colour Zone

How many red foods can you think of?

Select one and find out the nutrition content.

Can you help to cook a recipe with a red food this week?



Colour Zone

How many red foods can you think of? **apples, raspberries, redcurrants, red chillies, red peppers, strawberries, tomatoes etc.**

Select one and find out the nutrition content.

Can you help to cook a recipe with a red food this week?



Thank You

Thank you for your CardEd download. Dumond Education retains the CardEd copyright. All CardEd cards and pages in the accompanying activity guides are copyrighted. In downloading this product, you are licensed as a single user.

Under your Single User Licence:

- You may use CardEd in a single classroom / multiple classrooms with pupils you teach. Please do not share CardEd with colleagues. If they would like to use CardEd products, please direct them to dumoneducation.com.
- You may discuss CardEd activities and share the CardEd cover image on your blog, or via social media, provided you acknowledge Dumond Education as the copyright holder and creator of CardEd and link back to dumoneducation.com.
- You may conduct CardEd activities in seminars, teacher training activities, or professional development workshops, provided you acknowledge Dumond Education as the copyright holder and creator of CardEd and link back to dumoneducation.com.
- You may not remove the Dumond Education name, copyright symbol, or any watermarks from this resource.
- You may not alter any files. CardEd cards and the accompanying activity guides are only editable in the event of an error. Please contact Dumond Education if you find an error.
- You may not sell CardEd products, give CardEd products away for free, or copy CardEd products for unlicensed users. Similarly, you may not obtain CardEd products by any of these methods.

We hope our CardEd range brings many hours of education and entertainment. Please do not hesitate to contact us with any queries or suggestions. Keep an eye on our website dumoneducation.com for new products, ideas and education news.