

CardEd

Challenge #14



ORANGE	>																
k	water fool wind fire baby																
90	<table border="1"><tr><td>■</td><td>●</td><td></td><td></td></tr><tr><td></td><td>■</td><td>●</td><td></td></tr><tr><td></td><td></td><td>■</td><td></td></tr><tr><td>■</td><td>▲</td><td></td><td></td></tr></table>	■	●				■	●				■		■	▲		
■	●																
	■	●															
		■															
■	▲																



Number Zone

What is 100 more than 90?

Is 90 a prime or composite number?

List the factors of 90. What is their total?

What is 90 more and less than 562?

If a car travels at 90 km per hour, how far will it travel in an hour & a half?

In 1990, Nelson Mandela was released from prison in South Africa after 27 years of imprisonment. How many years ago was that?

If one angle in a triangle measures 90 degrees, what type of triangle is it?

Number Zone

What is 100 more than 90? **190**

Is 90 a prime or **composite** number?

List the factors of 90. What is their total? $1 + 2 + 3 + 5 + 6 + 9 + 10 + 15 + 18 + 30 + 45 + 90 = 234$

What is 90 more and less than 562? **652/472**

If a car travels at 90 km per hour, how far will it travel in an hour & a half? **135 km**

In 1990, Nelson Mandela was released from prison in South Africa after 27 years of imprisonment. How many years ago was that?
30

If one angle in a triangle measures 90 degrees, what type of triangle is it? **right-angled triangle**

Letter Zone

How many places beginning with K can you think of?

What word, beginning with k, means:

- having or showing eagerness or enthusiasm?
- having or showing a friendly, generous, and considerate nature?
- intelligent and well informed?
- being or serving as essential component; important?
- full of knots?
- having lumps which give a misshapen appearance?

Letter Zone

How many places beginning with K can you think of?

What word, beginning with k, means:

- having or showing eagerness or enthusiasm? **keen**
- having or showing a friendly, generous, and considerate nature? **kind**
- intelligent and well informed?
knowledgeable
- being or serving as essential component; important? **key**
- full of knots? **knotty**
- having lumps which give a misshapen appearance? **knobbly**

Word Zone

A compound word is made up of 2 real words that combine to create a new word, e.g. hand + bag = handbag

Find the missing word to make 5 compound words.

Put each word in a sentence.



Choose 3 of the words and add a different word to each one to create new compound words.

Add a prefix to wind to create a word that means:

- undo or be undone after winding or being wound.
- to be wound back to the beginning.

Word Zone

A compound word is made up of 2 real words that combine to create a new word, e.g. hand + bag = handbag

Find the missing word to make 5 compound words.

Put each word in a sentence.

Choose 3 of the words and add a different word to each one to create new compound words. e.g., **waterfall**, **foolhardy**, **whirlwind**, **fireball**, **babysit**

Add a prefix to wind to create a word that means:

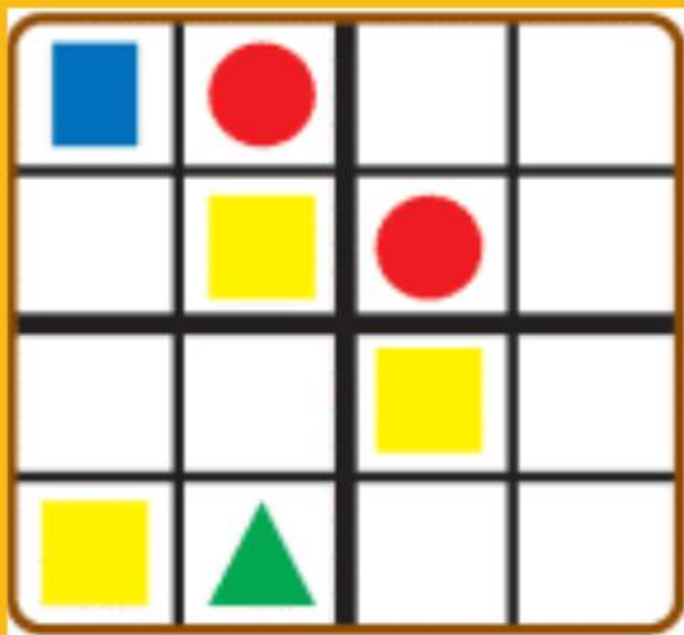
- undo or be undone after winding or being wound. **unwind**
- to be wound back to the beginning. **rewind**



Mathematical/Image Zone

Can you solve the shape sudoku?

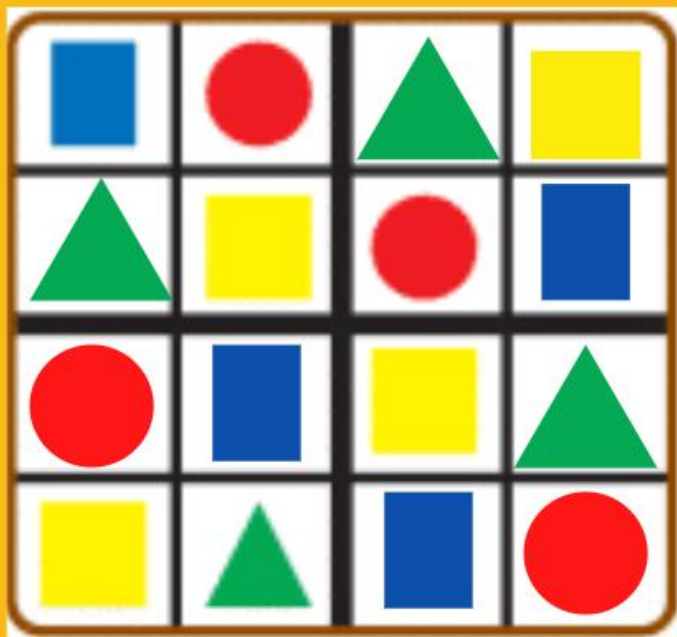
Ensure each row, column and 2x2 square features each shape only once.



Mathematical/Image Zone

Can you solve the shape sudoku?

Ensure each row, column and 2x2 square features each shape only once.



Symbol Zone

Insert the correct symbol on the line below.



- $12 + 29$ _ 43
- $29 + 34$ _ 62
- $25 + 36$ _ 63
- $35 + 18$ _ 52
- $46 - 37$ _ 7
- $58 - 36$ _ 21
- $75 - 29$ _ 44
- $47 - 38$ _ 9
- $43 + 77 + 6$ _ 48
- $86 - 24 - 32$ _ 40

Symbol Zone

Insert the correct symbol on the line below.



- $12 + 29 < 43$
- $29 + 34 > 62$
- $25 + 36 < 63$
- $35 + 18 > 52$
- $46 - 37 > 7$
- $58 - 36 > 21$
- $75 - 29 > 44$
- $47 - 38 < 10$
- $43 + 77 + 6 < 128$
- $86 - 24 - 32 < 40$

Colour Zone

In autumn, we see lots of orange in the environment. Can you create an autumnal picture using various shades of orange?

What is your favourite thing about autumn? Discuss with a friend and find out what they like about autumn too.



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 dumondeducation.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 dumondeducation.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 dumondeducation.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 dumondeducation.com for new products, ideas and education news.