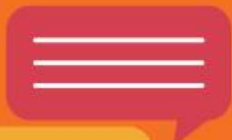


CardEd

Challenge #13



PURPLE		➤	
rm	stub	_____	_____
70	flat	_____	_____
	3	4	1
		2	4
	4		2
		1	4
		4	3



Number Zone

What is 100 more than 70?

Is 70 a prime or composite number?

List the factors of 70. What is their total?

What is 70 more and less than 761?

If a car travels at 70 km per hour, how far will it travel in 30 minutes?

In 1970, the first computer chess tournament was held. How many years ago was that?

If one angle in an isosceles triangle measures 70 degrees, what do the other angles measure?

Number Zone

What is 100 more than 70? **170**

Is 70 a prime or **composite** number?

List the factors of 70. What is their total? **$1 + 2 + 5 + 7 + 10 + 14 + 35 + 70 = 144$**

What is 70 more and less than 761? **831/691**

If a car travels at 70 km per hour, how far will it travel in 30 minutes? **35 km**

In 1970, the first computer chess tournament was held. How many years ago was that? **50**

If one angle in an isosceles triangle measures 70 degrees, what do the other angles measure? **55°**

Mathematical/Image Zone

Can you solve the sudoku?

Ensure each row, column and 2x2 square features the digits 1-4 only once.

3	4	1	
	2		4
4		2	
	1	4	3

Mathematical/Image Zone

Can you solve the sudoku?

Ensure each row, column and 2x2 square features the digits 1-4 only once.

3	4	1	2
1	2	3	4
4	3	2	1
2	1	4	3

Symbol Zone

Insert the correct symbol on the line below.



- $4 + 17$ _ 20
- $13 + 24$ _ 39
- $16 + 27$ _ 42
- $19 + 13$ _ 33
- $33 - 17$ _ 17
- $47 - 16$ _ 21
- $45 - 17$ _ 12
- $33 - 4$ _ 28
- $32 + 7 + 8$ _ 48
- $47 - 15 - 22$ _ 11

Symbol Zone

Insert the correct symbol on the line below.



- $4 + 17 > 20$
- $13 + 24 < 39$
- $16 + 27 > 42$
- $19 + 13 < 33$
- $33 - 17 < 17$
- $47 - 16 > 21$
- $45 - 17 > 22$
- $33 - 4 > 28$
- $32 + 7 + 8 < 48$
- $47 - 15 - 22 < 11$

Letter Zone

How many words ending in -rm can you think of? (Hint: Place a vowel in front of -rm and think of rhyming words, e.g., arm, harm. Now think of longer words, e.g., charm.)

What word, ending in -rm, means:

- resistant to externally applied pressure?
- to twist about in a wriggling, snakelike motion; writhe?
- one who spends much time reading or studying?
- a device that is used to warn of danger by means of a sound or signal?
- a distinctive set of clothing intended to identify the members of a specific group?
- to make aware of something?

Letter Zone

How many words ending in -rm can you think of? (Hint: Place a vowel in front of -rm and think of rhyming words, e.g., arm, harm. Now think of longer words, e.g., charm.)

What word, ending in -rm, means:

- resistant to externally applied pressure?

firm

• to twist about in a wriggling, snakelike motion; writhe? **squirm**

• one who spends much time reading or studying? **bookworm**

• a device that is used to warn of danger by means of a sound or signal? **alarm**

• a distinctive set of clothing intended to identify the members of a specific group?

uniform

- to make aware of something? **inform**

Word Zone

Can you solve the word ladder by changing one letter each time to change stub to flat?

What is a pencil stub?

What does it mean to stub your toe?

Change one letter in stub to create a new word.

Add a letter to flat to create a word meaning to rest or move on or near the surface of a liquid without sinking.

Try reading a paragraph from a book in a flat voice. How do you sound?

<i>stub</i>

<i>flat</i>

Word Zone

Can you solve the word ladder by changing one letter each time to change stub to flat?

What is a pencil stub? a pencil worn down through constant usage

What does it mean to stub your toe? to hit your toe against something and hurt it

stub

stab

slab

slab

flat

Change one letter in stub to create a new word. **stab/stun**

Add a letter to flat to create a word meaning to rest or move on or near the surface of a liquid without sinking. **float**

Try reading a paragraph from a book in a flat voice. How do you sound? **dreary/boring/monotonous**

Colour Zone

Janthina janthina is more commonly known as the violet sea-snail.

Can you find some facts about this creature and teach them to someone?



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