

Math Magic!

Activity 4 - Math Number Tricks

Try these math tricks on your own or with a friend. Then try them out with your family!
You will have lots of fun!

Trick 1

Think of a secret number

Add 5

Multiply by 2

Subtract 4

Divide by 2

Subtract your secret number

Now you have 3!

Try this again but with another number. Did it work again? Do you think you will always get 3?

Trick 2

Think of a secret number

Double it

Add 6

Add your original number

Divide by 3

Add 5

Subtract your original number

Now you have 7!

Try it again with another number. Did it work again? Do you think that you will always get 7?

Can you believe THIS is math?

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Activity 4 - Math Number Tricks - *continued*

Trick 3

You will need:

- A paper square or square block
- A handful of beans or other small markers

Try the following math trick, but this time use props. Your secret number will be represented by a square block or paper square and the numbers that you add, subtract, multiply or divide will be represented with beans or markers.

Think of a secret number (put out one square block)

Add 7 (put 7 beans next to the square to represent adding the number 7)

Multiply by 2 (put in 7 more beans and 1 more square)

Subtract 4 (take 4 beans away)

Divide by 2 (you should have 2 squares and 10 beans in front of you right now, take 1 square and 5 beans away)

Subtract your original number (take away the 1 square)

Now you have 5!

Do you understand how the tricks are working?

Try to make your own tricks using the squares and beans to help you along the way.

Good Luck!!

Can you believe THIS is math?