#### HIDDEN MATH

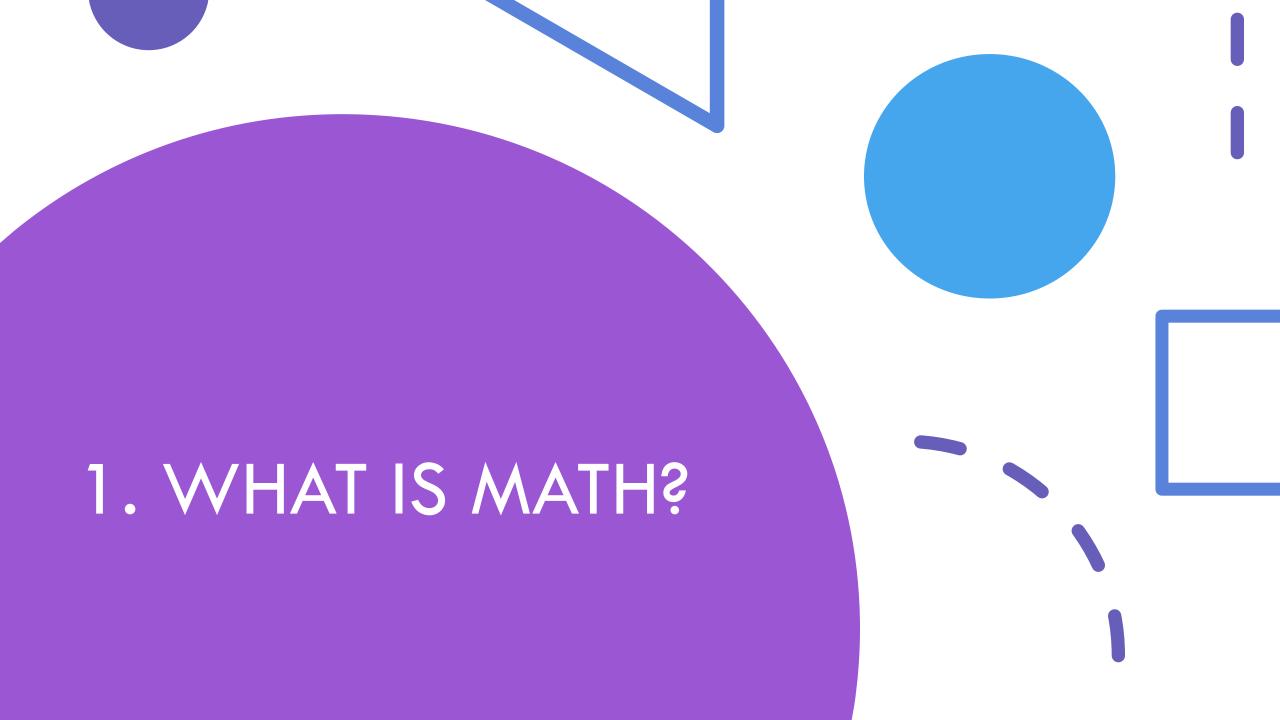
"FIND ME
IF YOU CAN ©"





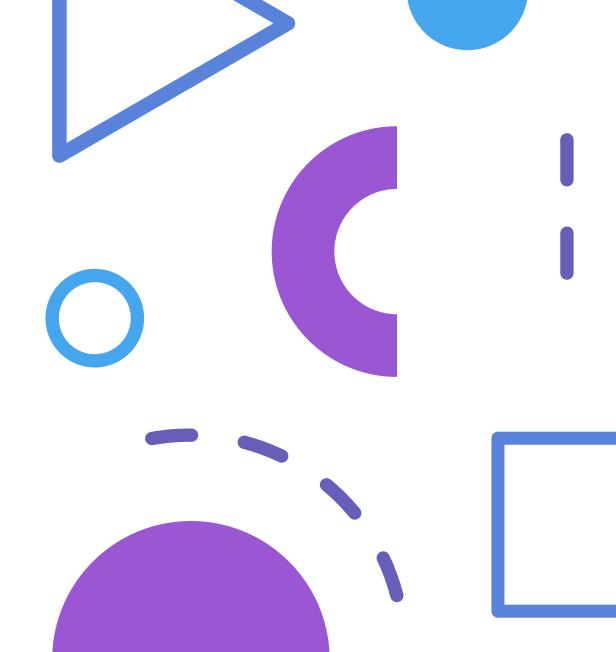
$$7070 = 2$$
  $5555 = 0$ 
 $0011 = 2$   $0880 = 6$ 
 $5678 = 3$   $8809 = 6$ 
 $1111 = 0$   $7662 = 2$ 
 $1117 = 0$   $9313 = 1$ 
 $0000 = 4$   $8080 = 6$ 
 $0909 = 4$   $1234 = 0$ 

8989 = ?



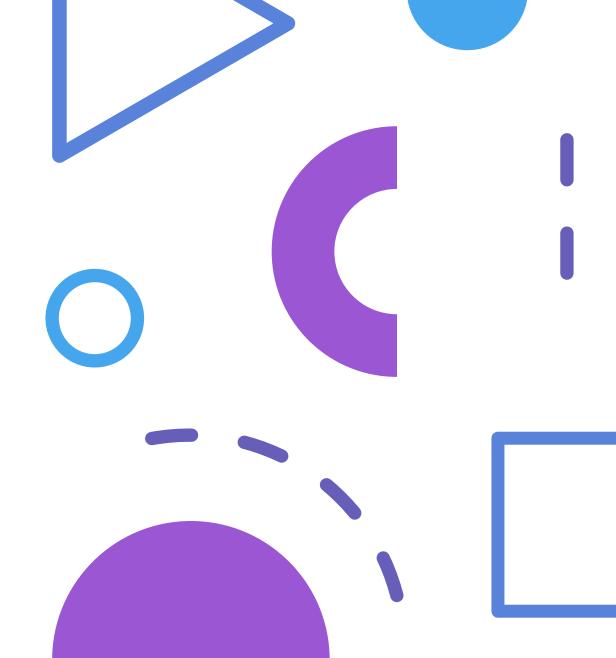


of Americans report experiencing some level of math anxiety.





employment in mathheavy occupations will increase by 28% between 2016 and 2026





### 2. Hidden MATH IN OUR LIFE

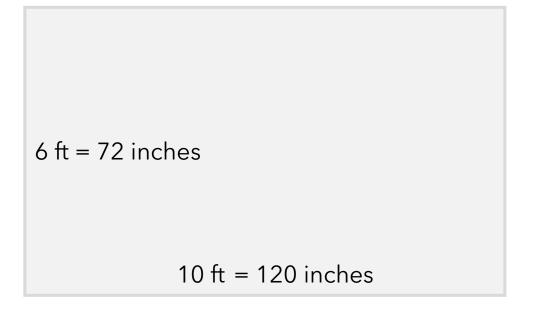
Do you know math is helping us

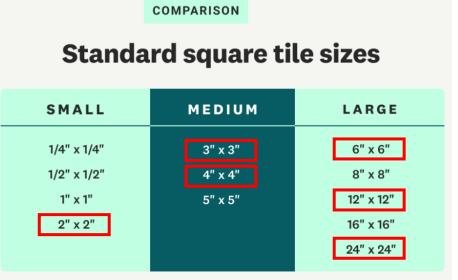


Math is in

Shopping
Cooking/Baking
Tipping
Travel
Managing \$\$\$
Home Improvement

Standard Size of Room ( Dimensions in Feet)					
ROOM	LARGE SIZE	MEDIUM SIZE	SMALL SIZE		
Living Room	22 x 28	16 x 20	11 x 16		
Bedroom	11 x 16	11 x 11	10 x 10		
Master Bedroom	16 x 22	16 x 20	11 x 16		
Bathroom	6 x 6	5 x 5	4 x 4		
Kitchen	16 x 20	10 x 16	6 x 10		
Dining Room	16 x 16	11 x 16	8 x 10		
Store Room	11 x 16	8 x 10	6 x 6		
Study Room	11 x 16	11 x 11	10 x 10		
Lobby	8 x 16	8 x 10	6 x 6		
Laundry Room	8 x 10	6 x 8	3 x 6		





Math is in

Shopping Cooking/Baking **Tipping Travel** Managing \$\$\$ **Home Improvement Health and Fitness Technology Sports Coming to this** workshop!

$$\sqrt{(x_1-x_2)^2+(y_1-y_2)^2}$$



Why do we Need Math in Our lives?



Why do we Need Math in Our lives?

**MAKE** BETTER **DECISION** 



We encoded **our sincere message** to you coming to the workshop. To encode our message, here are a few steps to follow.

First, assign numeric values to each letter of alphabet in the table below. We started the letter A for you.

А	В	С	D	E	F	G	н	ı	J	К	L	М
1	ų											
N	0	Р	Q	R	S	Т	U	V	w	х	Υ	Z
												26

Second, use f(x) = x + 3 and its inverse function to find the message.

X=1 (A)

y = x + 3	$\rightarrow$	x = y - 3
1		
y > 4		

Encode	Decode	Our Message
23	人= 23-3= 20	
11		
4		
17		
14		
28		
18		
24		

#### THANK YOU