

### Number Systems

Across Disciplines



Where do you see numbers outside the classroom?

- Money
- Address
- Cooking
- Time
- Measurement
- Tv channels
- Youtube viewers
- Website URLs
- PIN numbers
- Credit card numbers
- Phone numbers

- Miles per hour
- Student ID
- Keyboard
- Sports scores
- Healthcare
- Room numbers
- Building Floors
- Lucky 13
- Sports numbers
- Calendar year
- Calendar days

- Barcodes
- Prices
- Maps
- Page numbers
- Dewey decimal system
- Alarm clock
- Microwave
- Temperature
- Weather
- Nutritional information



## Where do you see numbers outside the classroom?

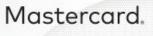
#### PLACE VALUE Beyond Base 10

## Imagine we switched to a base 9 system overnight...



## (210)422-7623



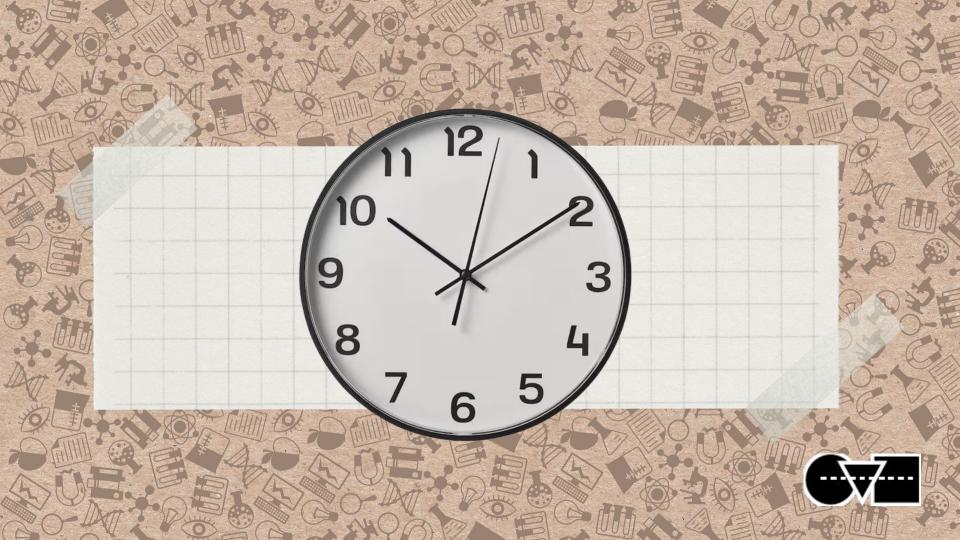


#### 5412 7512 3412 3456 12/23 Lee M. Cardholder



## \$172.50





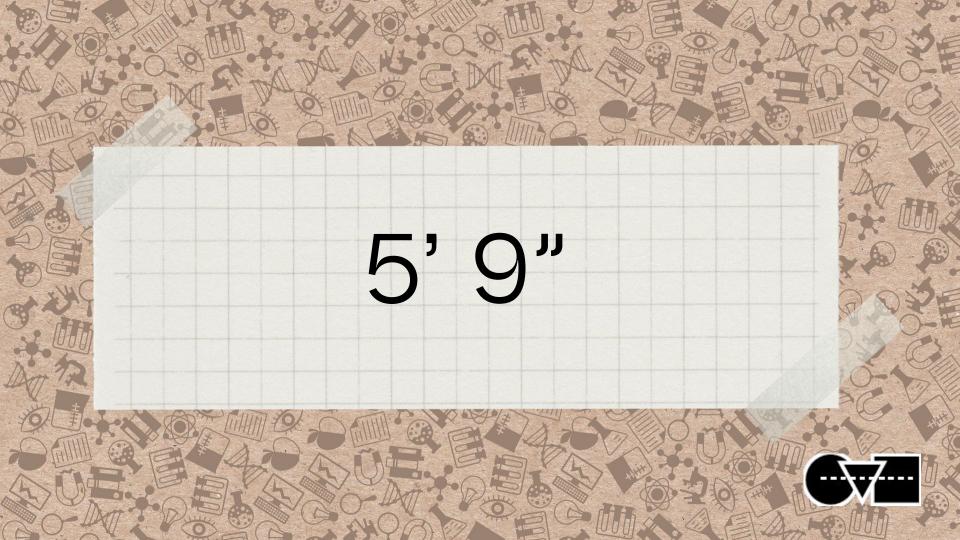
## 2/14/2023



## Unlucky 13









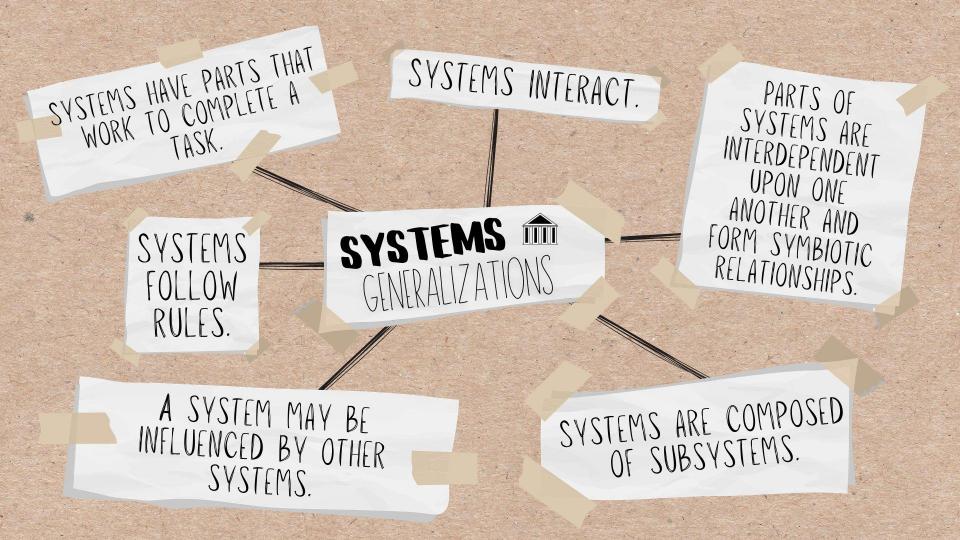




VANILLA 3 FLOUR



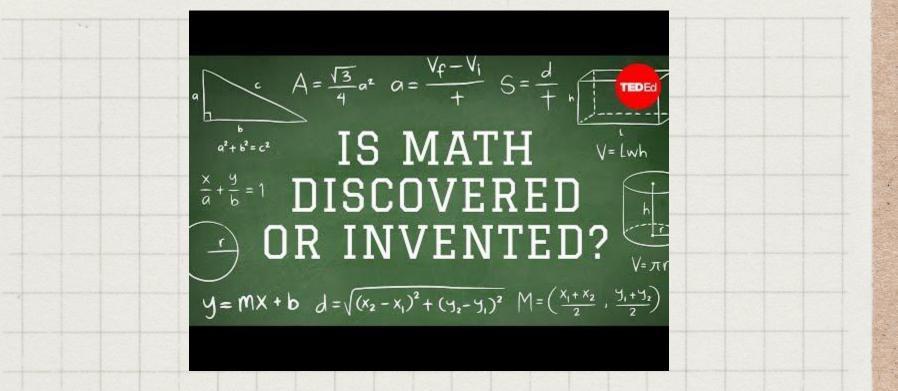






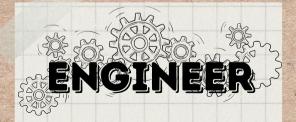
## LET'S REFLECT.

#### Was the decimal (base-10) system discovered or invented?



## SKILL STATIONS







30:00

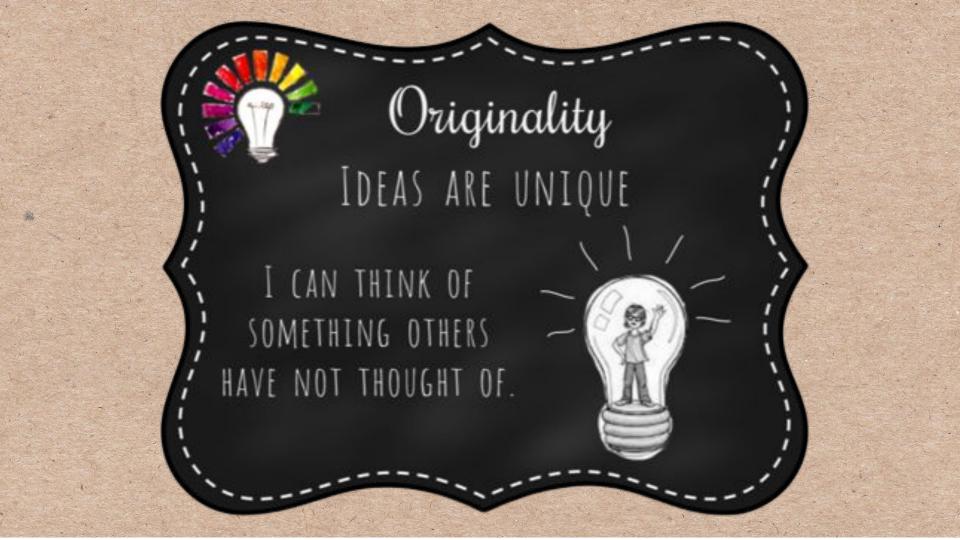
Add task or students here Add task or students here

Add task or students here



#### **Flexibility** IDEAS HAVE VARIETY

I CAN LOOK FROM A New Perspective And See Things in Different Ways.



## Elaboration IDEAS ARE DETAILED AND COMPLETE I CAN CONTINUE TO ADD MORE AND BUILD ON MY FIRST IDEA.

## SKILL STATION Create

## EXPECTATIONS

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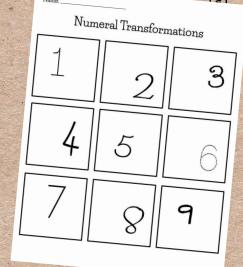
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• WHAT TOOLS ARE AVAILABLE? • WHAT DOES IT LOOK LIKE? • WHAT DOES IT SOUND LIKE? • WHAT DOES IT FEEL LIKE? • WHAT DEFINES SUCCESS?

'll

## SKILL STATION Create

Juse your imagination and transform these numerals



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## SKILL STATION: Create

Ja.

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# Let's go on a gallery walk!

