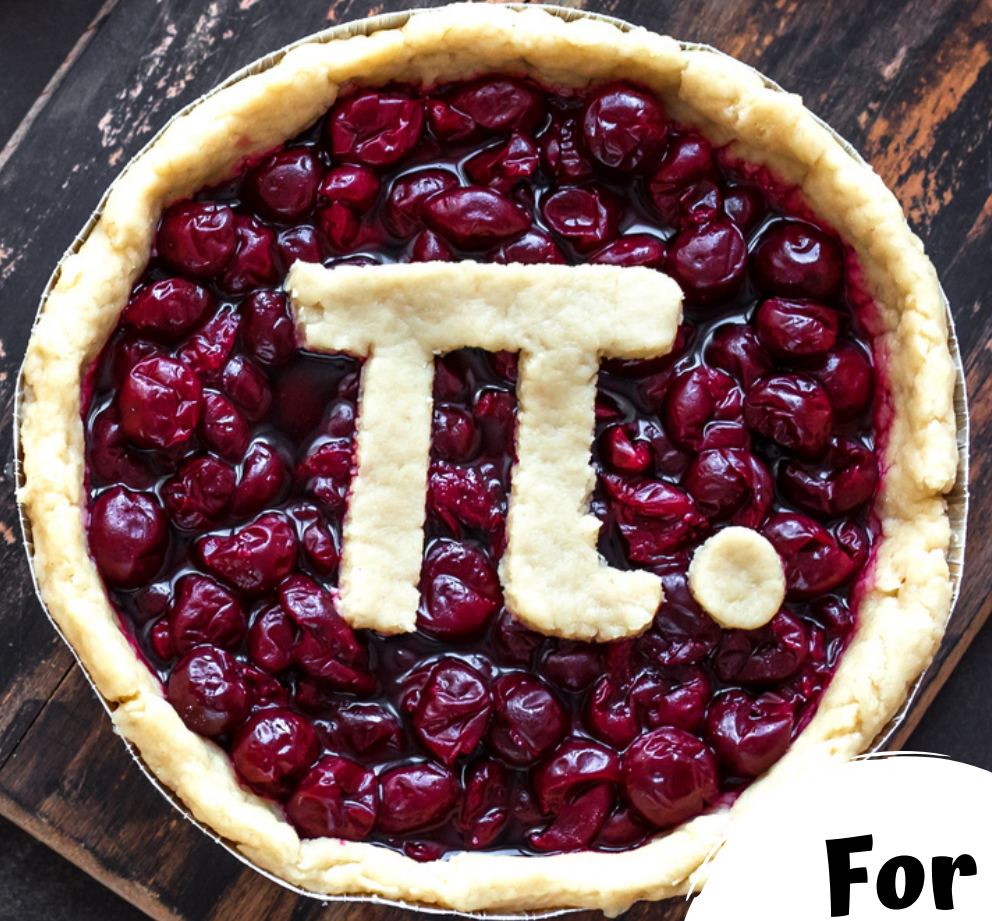


# Pi Day



**For  
Special  
Ed**



**INCLUDES GOOGLE SLIDES**

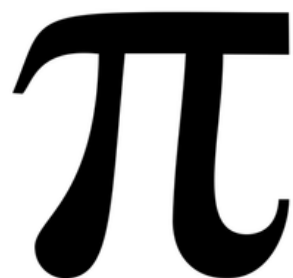


## For students who:

- are emerging or non-readers
- take alternate assessments
- are in special education
- short-attention span
- lack pre-requisite skills
- benefit from the use of pictures for support

# Pi Day Unit

By  
Christa Joy  
Special Needs for Special Kids



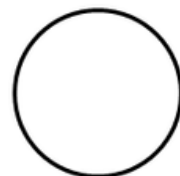
## Table of Contents

Pages	Activity
4-5	Vocabulary board
6-20	Bingo cards
21-24	Circle map
25	Play-do mat
26-29	Find Pi (calculations)
30-32	No Bake Chocolate Pie
33-34	Terms of Use

Also included in this resource as separate files:

- Links and directions to digital activities
- PowerPoint (**this is the book in the lesson plan**)
- Voice recorded PowerPoint
- Activities in black and white

Consider adding my unit on Circles for more practice.



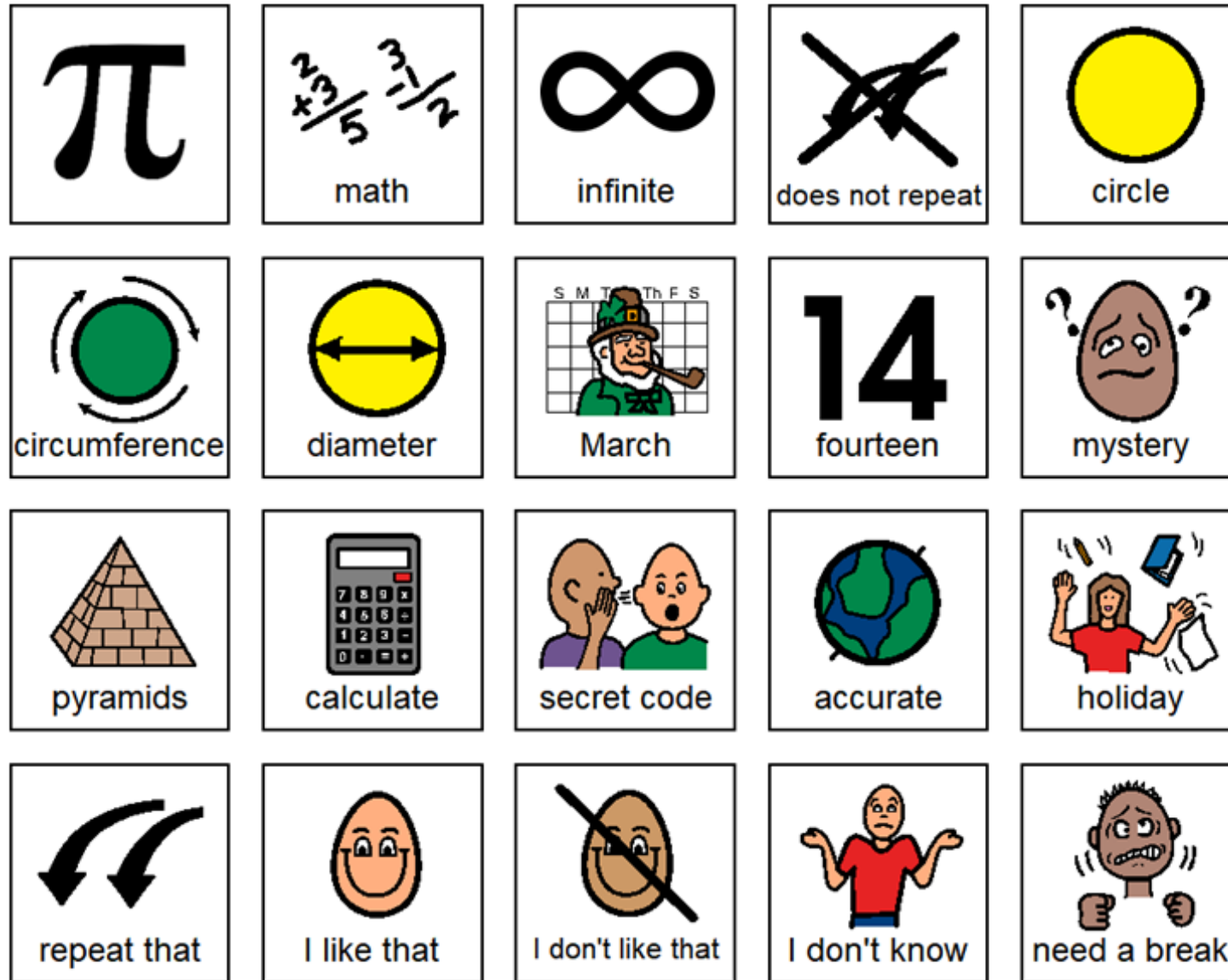
[Geometry: Circles](#)

This unit contains a PowerPoint and 5 activities.

It comes in 2 separate files. One in color and one in black and white.

3.14159265358979323846264338327950

# Pi Day



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This unit comes with a storyboard.

Storyboards are great for ALL students to assist with participation and engagement in group discussions.

Tips on how to use in the unit!!

46237996274956735188575272489122

3.14159265358979323846264338327950  
884197169399375105820974944592307

3.141592653589793238462643383279502  
88419716939937510582097494459230781  
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48086513282306647093844609550582231  
7253594081284811174502841027019385

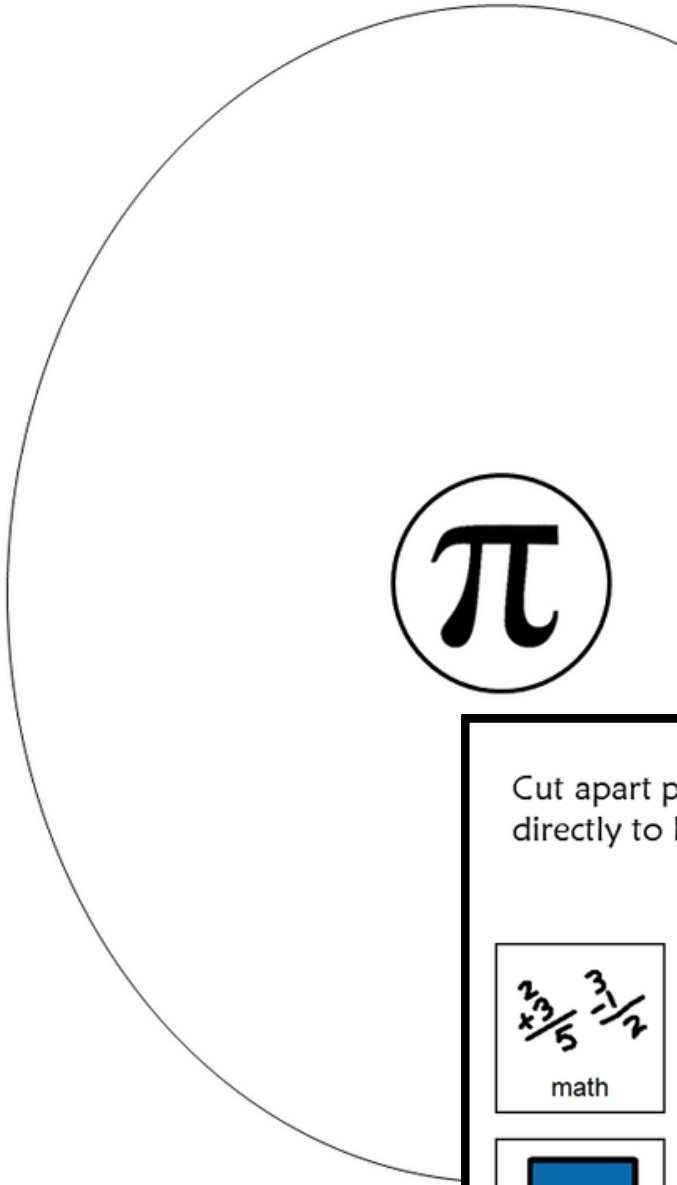
What makes this one of the most fascinating mysteries of the math world is an **infinite** and **nonrepeating** decimal value. And, regardless of the size of the circle, it always has the same value.

There is a 21-page book with simple text and engaging photos.

It comes in a PowerPoint version as well as a movie version you can use in google slides.

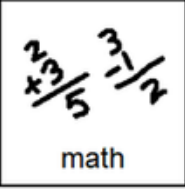
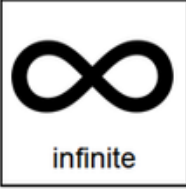

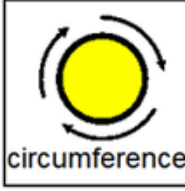
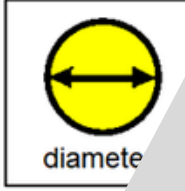
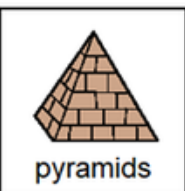

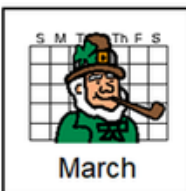


53092186117381932611793105118540  
46237996274956735188575272489122

# Pi Day

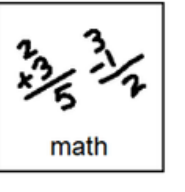
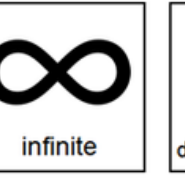
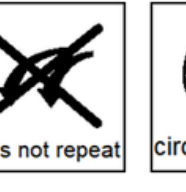
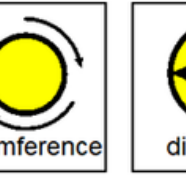

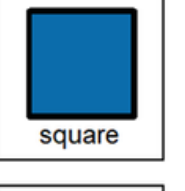

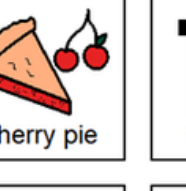


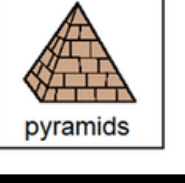
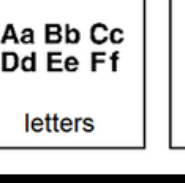
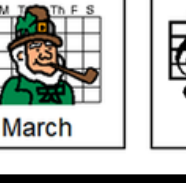
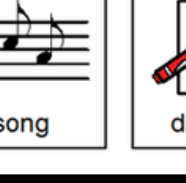



Errorless version

Cut apart pictures and place in circle map about Pi.

 math	 infinite	 does not repeat	 circumference	 diameter
 pyramids	 secret code	 March	 fourteen	

Cut apart pictures and place in circle map **ONLY IF** they relate directly to Pi.

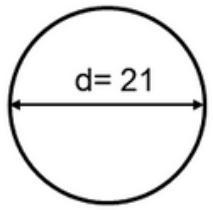
 math	 infinite	 does not repeat	 circumference	 diameter
 square	 secret code	 cherry pie	 fourteen	 mystery
 pyramids	 letters	 March	 song	 drawing

There is a circle map that reviews the main points from the book. This is an errorless activity.

There are 2 versions:

- errorless
- wrong answers mixed in to set aside

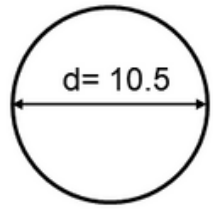
Write the formula for pi. Then use a calculator to divide the values.



C= 66

$$\text{Pi} = \frac{\square}{\square}$$

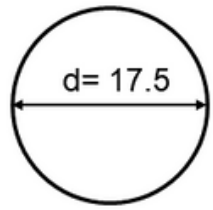
Pi =



C= 33

$$\text{Pi} = \frac{\square}{\square}$$

Pi =



C= 55

$$\text{Pi} = \frac{\square}{\square}$$

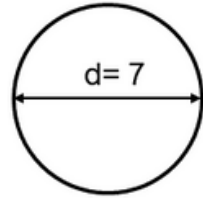
Pi =

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9323846264338327  
1058209749445923  
8034825342117067

## Older students

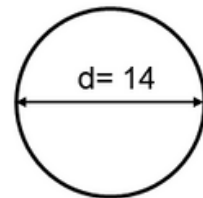
Write the formula for pi. Then use a calculator to divide the values.



C= 22

$$\text{Pi} = \frac{\square}{\square}$$

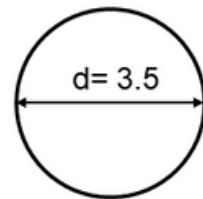
Pi =



C= 44

$$\text{Pi} = \frac{\square}{\square}$$

Pi =



C= 11

$$\text{Pi} = \frac{\square}{\square}$$

Pi =

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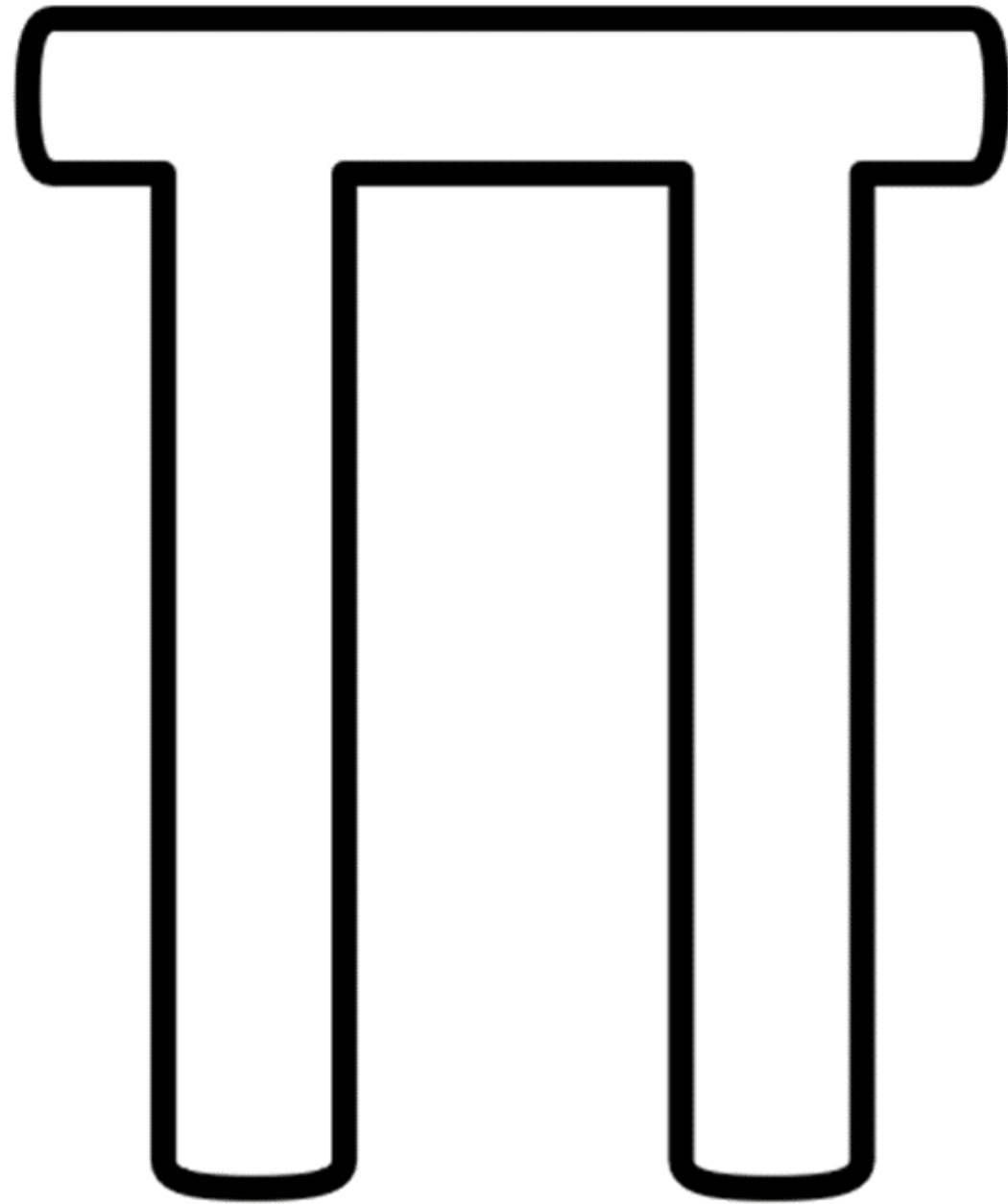
There is an opportunity for students to prove to themselves that the circumference divided by the diameter is always equal to pi.

414695194151160  
530921861173819  
462379962749567

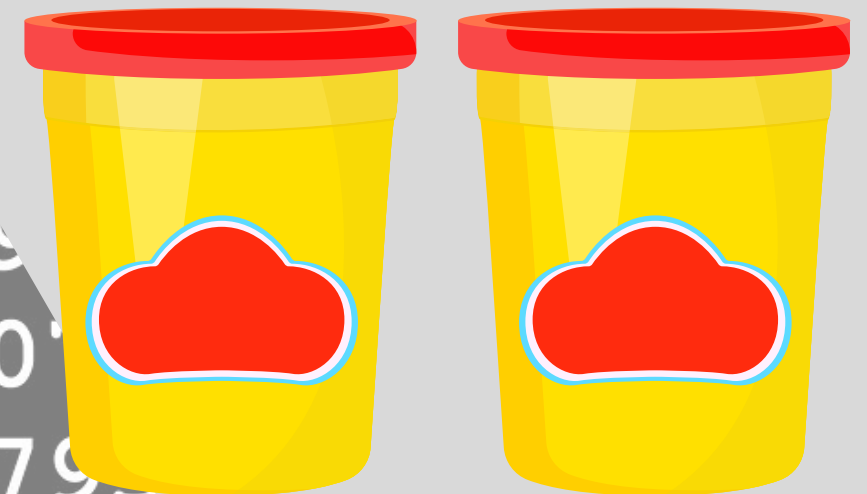
93  
480  
2279

3.14159265358979323846264338327

## Younger students



There is a play-dough mat for students to create their own pi symbol.



4623799627495673518857527248912279



# Bingo cards



- Included are 10 Bingo cards in color and 10 Bingo cards in BW.
- Place the cards in page protectors or laminate for long term use.
- This is a great way to practice the new vocabulary included in this unit.
- Calling cards included.
- Options:
  - Show students the picture for them to match
  - Read the definition and see if students can find the matching picture
  - Work as teams
  - Vary the "winning" patterns.
    - Cover all
    - Cover corners
    - Row across or down
    - Cover the edges
- Vary the ways to mark the card
  - Place in page protector or laminate and use
  - Stickers
  - Post-it notes
  - Dot markers

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# Pi Day

$\pi$	$\infty$ infinite	FREE!	pyramids
accurate	Not repeating	mystery	math
holiday	calculate	March	?
circle	secret code		

circumference	diameter
March	mystery

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All students

There are 10 Bingo cards (in color and black and white) using some of the vocabulary from the book.

calling cards included

4146951941  
 5309218611  
 4623799627

036575959  
 72489122793

# Ingredient Labels



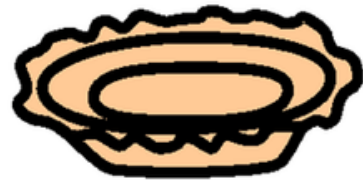
instant chocolate pudding



milk



Cool Whip

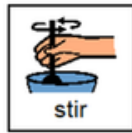


pie crust

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# Picture Recipe

## Assembly Directions



stir

1. Mix together instant pudding, 1/2 Cool Whip and milk.

 3.4 oz box	 pudding mix	<input type="checkbox"/>
 2 cups	 milk	<input type="checkbox"/>
 1/2 container	 Cool Whip	<input type="checkbox"/>

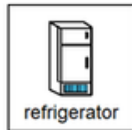


pour

2. Pour mixture into pie crust.



pie crust



refrigerator

3. Chill for 2 hours.



spread

4. Spread remaining Cool Whip on top.



Cool Whip

There is a picture recipe for no-bake chocolate cream pie.



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3.141592653589793238462643383279502  
8841971693993751058209749445923078

88419716939937510582097494459230781  
6406286208998 3421170679821  
4808651328230604703844609550582231  
72535940812848117502841027019385  
1105559644622989593038196442881  
756659334461275633786783165  
20190914564855692345034861045432



# Pi Day: 3/14

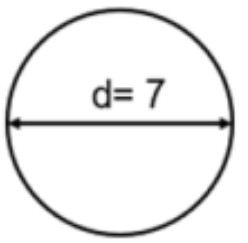
By Christa Joy

41469519415116094330572703657595919  
53092186117381932611793105118548074  
5309218611738193261179310511854807  
46237996274956735188575272489122793

This unit also includes digital versions of the activities.

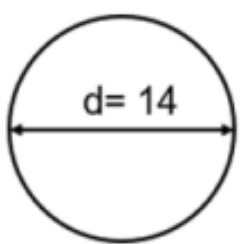
Students can watch a movie book version of the book rather than printing it out.

3.141592653589793238462643383279502  
8841971693993751058209749445923079

  $d=7$   
 $C=22$

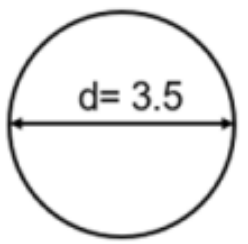
$Pi = \frac{\text{[ ]}}{\text{[ ]}}$

$Pi = \text{[ 3.142857142 ]}$

  $d=14$   
 $C=44$

$Pi = \frac{\text{[ ]}}{\text{[ ]}}$

$Pi = \text{[ 3.142857142 ]}$

  $d=3.5$   
 $C=11$

$Pi = \frac{\text{[ ]}}{\text{[ ]}}$

$Pi = \text{[ 3.142857142 ]}$

1. Type the numbers in blue boxes.
2. Type in the value of Pi. Use the gray numbers as a guide.

Each activity is set up so students can click and drag answers.

In this set, students will do some typing.

5309218611738193261179310511854807  
46237996274956735188575272489122793

3.141592653589793238462643383279502  
8841971693993751058209749445923079

Place the following pictures in the circle map to show facts about Pi Day.

- math
- infinite
- does not repeat
- circumference
- diameter
- pyramids
- secret code
- 14 fourteen
- mystery

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This set has answers for students to click and drag. No typing is required.

530921861173819326117931051185480  
462379962749567351885752

**Perfect for every learning level**

3.141592653589793238462643383279502  
88419716939937510582097494459230781

64 This resource comes in a zipped folder. You will need to unzip the  
folder to access all the contents which include:

48 086513282306647093844609550582231

72 • Pi Day activities in color  
533940812848111745028410270193852

11 • Pi Day activities in black and white  
055596446229489549303819644288109

• Voice-recorded PowerPoint show

75 • Pi Day book (PowerPoint) to use with activities  
6659381461284175648923786783165271

20 • Links and directions to digital activities  
190914364858692346034861045432664

82 133936072602491412737245870066063

15588174881520920962829254091715364

36789259036001133053054882046652138