

# PENGUIN MATH STATIONS

**Order Those Penguins!**

Student Directions:

1. Put the penguin cards into a stack.
2. For each card, you will put the three numbers in order from least to greatest.
3. Use your recording sheet to write your numbers in order from least to greatest.
4. Then, highlight all of the even numbers on your paper!

example:  
85   100   122

135, 173, 129

**ORDER THOSE PENG**

A	B	C
129	135	113
D	F	G
H	J	K

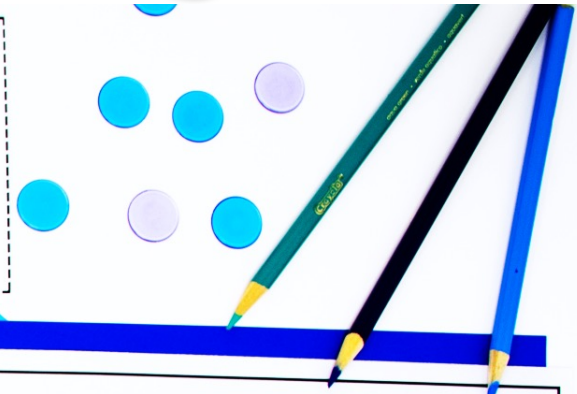
by Amy Lemons



# Table of Contents:

1. Order Those Penguins- Students will put three numbers in order from least to greatest and highlight all even numbers.
2. Greater or Less Than?- Students will use the comparing numbers symbols to complete the number sentences. Students will highlight all even numbers.
3. Missing Penguins- Students use place value mat to write the number given in word form, expanded form, identify whether it is even or odd, and draw the place value blocks. Then, students will write the expanded form of each number on the recording sheet.
4. Mittens, Mittens- Students will add 10 & 100 and subtract 10 & 100
5. New Skates Needed- Students match the numbers to their expanded form. Then, students put the numbers in order from least to greatest.
6. Snowball Fight- students will sort numbers by even and odd
7. Penguin Problems- students will solve 8 word problems (addition, subtraction, extra info, multi-step)
8. True or False- students sort the addition and subtraction facts
9. Cold Feet- students match 3D shapes with their names and fill out a chart with the number of edges, vertices, and faces.
10. Missing Hats- students match 2D shapes with their names and fill out a chart with the number of vertices and sides.

# Order Those Penguins!



## Order Those Penguins!

Student Directions:

- Put the penguin cards into a stack.
- For each card, you will put the three numbers in order from least to greatest.
- Use your recording sheet to write your numbers in order from least to greatest.
- Then, highlight all of the even numbers on your paper!

example:

85	100	122
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Name: \_\_\_\_\_

## ORDER THOSE PENGUINS!

Directions: Write the 3 numbers from each card in order from least to greatest. Then, highlight all even numbers.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
129 135 173			
<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>

546, 4

392

95, 78

61, 500

410, 432, 423, 32

289, 234, 261

# Greater or Less Than?!

**GREATER OR LESS THAN?!**

Name: \_\_\_\_\_

Directions: Write the two numbers from your card. Then write either the  $>$  or  $<$  symbol in the circle to compare the two numbers. Circle or highlight the correct phrase: is greater than or is less than.

<b>A</b> 180 $<$ 276 is greater than <input type="radio"/> is less than <input checked="" type="radio"/>	<b>G</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>M</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>
<b>B</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>H</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>N</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>
<b>C</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>U</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>O</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>
<b>D</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>J</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>P</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>
<b>E</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>K</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>	<b>Q</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>
<b>F</b> _____ <input type="radio"/> is greater than <input type="radio"/> is less than <input type="radio"/>		

**A** 180 276

**B** 329 217

**Greater or Less Than?!**

Student Directions:

- Put the penguin cards into a stack.
- Choose a card.
- Compare the two numbers on the card using the  $<$  and  $>$  symbols.
- Use your recording sheet to write down your number sentences.

example: 54  $<$  68  
is less than for

# Missing Penguins!

**Word Form:**  
three hundred twenty

**Expanded Form:**  
 $300 + 20$

**Place Value Blocks:**  
□ □ □ ▯ ▯

**Even/Odd:**  
EVEN

**Expanded Form:**  
 $300 + 20$

**MISSING PENGUINS!**  
Directions: Write the expanded form of each number.

A	B	C	D	E	F
100+10+8	300+20				
G	H	I	J	K	L
M	N	O	P	Q	R

Other cards show numbers: 118, 431, 7, 4.

# Mittens, Mittens, Where are my mittens?

**MITTENS, MITTENS!**

Name: \_\_\_\_\_

Directions: For each number, complete the equations below.

NUMBER:	+10	+100	-10	-100
A 123	133	223	113	23
B				
C				
D				
E				
F				
G				

A mitten-shaped card with the number 123 is shown next to the table.

**Mitten Cards:**

- Mitten A: 123
- Mitten B: 245
- Mitten C: 321
- Mitten D: 543

**Penguin Cards:**

- Penguin 1: +10
- Penguin 2: +100
- Penguin 3: -10
- Penguin 4: -100

**Student Directions:**

- The penguins have lost their mittens! In order to have warm flippers, you must complete 4 equations with each number!
- Put the mitten cards into a stack.

# New Skates Needed!

Name: \_\_\_\_\_

## NEW SKATES NEEDED!

Directions: from \_\_\_\_\_

<b>A</b>  200		$200+0+0$ two hundred
<b>B</b>  375		$300+70+5$ three hundred seventy five
<b>C</b>  399		$300+90+9$ three hundred ninety nine

Directions: \_\_\_\_\_

**D**   
463

**E**   
480

$500+90+7$   
five hundred ninety seven

$400+60+3$   
four hundred sixty three

## New Skates Needed!

Student Directions:

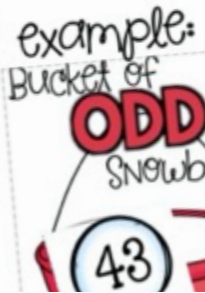
1. The penguins want new ice skates! In order to get a new pair of slick shoes, you must match the numbers to their

# Snowball Fight!

## Snowball Fight!

Student Directions:

1. Those pesky penguins are ready to start a new snowball fight! They need you to sort out their snowballs into two categories: EVEN and ODD!
2. Put the snow buckets out in front of you.
3. Put the snowball cards into a stack.
4. Sort the number cards by even and odd.
5. Use your recording sheet to work!



Bucket of  
**ODD**  
Snowballs



Bucket of  
**EVEN**  
Snowballs



Name: \_\_\_\_\_

## SNOWBALL FIGHT!

Directions: Write the numbers that are even on the even side. Write the numbers that are odd on the odd side!

**EVEN** snowballs

**ODD** snowballs

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# Penguin Problems!





Name: \_\_\_\_\_


## PENGUIN PROBLEMS!


Directions: Solve the word problems below. Show your work. Circle your answer.

PATTY	PERRY	PERCY	PENNY
PRISSY		POLLY	PINKY


 Perry the penguin is part of a singing group. There are 7 singers in his group. If they each have 2 flippers, how many flippers do they have in all?

 Pal the penguin wears bowties everyday. He wore 4 different bowties on Monday and 3 different bowties on Tuesday. If he wore 12 bowties in three days, how many did he wear on Wednesday?

 Penny the penguin likes to dress up as Rudolph. She has 6 green scarves, 4 red scarves, and 1 red nose. How many scarves does Penny have?

 Percy the penguin has 4 green bows and 5 red bows. Prissy the penguin wears bows.


 Patty the penguin caught 12 fish. She gave 7 fish away to her friends.

 Pinky the penguin was babysitting eggs for her three friends. One of her friends had 4 eggs and another had 5 eggs. If she watched 12 eggs total, how many eggs did her third friend have?

## Penguin Problems!

Student Directions:

- The penguins are in a bit of a mess! They need your help solving word problems about...



# True or False?



true false



$$12+2=14$$

$$8+7=15$$

## FACTS: TRUE OR FALSE?

Directions: Write the number sentences in the correct section below.

TRUE Number sentences	FALSE Number sentences

## True or False?

Student Directions:  
I Don't let these silly penguins try and trick you! They have mixed up a lot of problems!  
Place mats out in front of you.

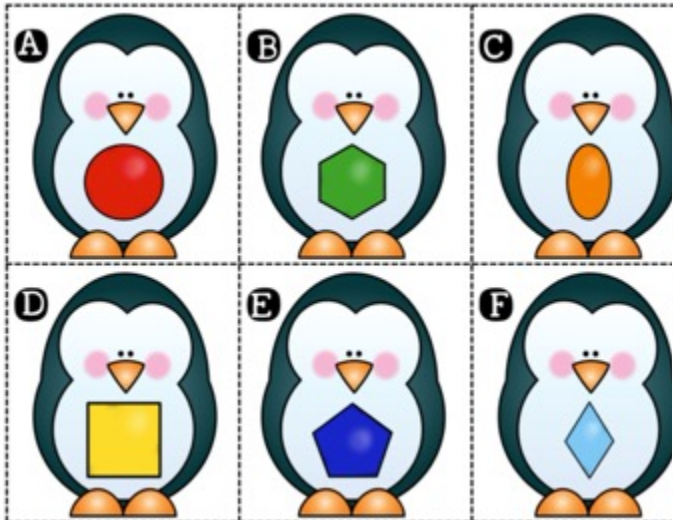


# Missing Hats!

## Missing Hats!

Student Directions:

1. Oh no! All of the hats flew away!  
Help the penguins find their missing hats!
2. Match the shape picture to the correct name
3. Fill out record



Name: \_\_\_\_\_

## MISSING HATS!

Directions: Use the chart below to fill out information about the shapes.

	SHAPE NAME:	VERTICES:	SIDES:
A			
B			
C			
D			

