A

BUILD A TOWER

PLACE VALUE
math menu

NAME: _____

Use place value blocks to create the towers described below. Record how many hundreds, tens, and ones blocks you used to create them. Then record the total value of each tower.

A. Build the **tallest** tower you can.

Hundreds blocks: _____ Tens blocks: _____ Ones blocks: _____

Total Value: _____

B. Build a tower with the **greatest value** that you can:

Hundreds blocks: _____ Tens blocks: _____ Ones blocks: _____

Total Value: _____

C. Build a tower using only **10 blocks**:.

Hundreds blocks: _____ Tens blocks: _____ Ones blocks: _____

Total Value: _____

D. Build a tower that has a **value of 120**:

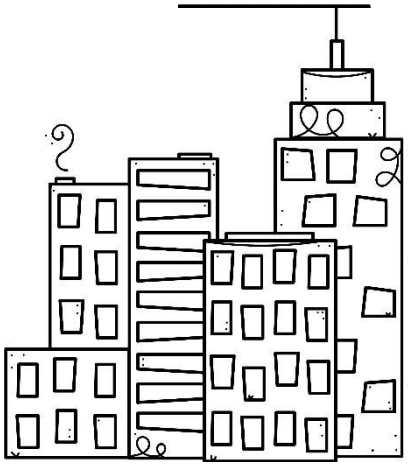
Hundreds blocks: _____ Tens blocks: _____ Ones blocks: _____

Total Value: _____

E. All of the towers you built have created a city.

What is the total value of your city? _____

Write it in expanded form: _____



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C WRITE A RIDDLE

PLACE VALUE math menu

NAME: _____

Solve the following place value riddles.

A. My tens digit is 3 more than my hundreds digit. My ones digit is the sum of my tens and hundreds digits. I have a 2 in the hundreds place. _____

B. The sum of my digits is 16. My hundreds digit is 3 less than my tens digit. I have a 9 in the tens place. _____

C. My hundreds digit is the sum of my tens and ones digits. My tens digit is 2 more than my ones digit. I have a 3 in the ones place. _____

Now, write your own riddles for another student to solve! Start with a number and then write the clues for the riddle.

A. _____

_____

_____

Answer: _____

B. _____

_____

_____

Answer: _____

C. _____

_____

_____

Answer: _____

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D

HUNDREDS CHART PUZZLE

PLACE VALUE math menu

NAME: _____

Create a hundreds chart puzzle! Color the chart to create a picture. For example, you can color a flower. Make sure to color every square. Then, cut the chart into different pieces to create a puzzle for another student to solve.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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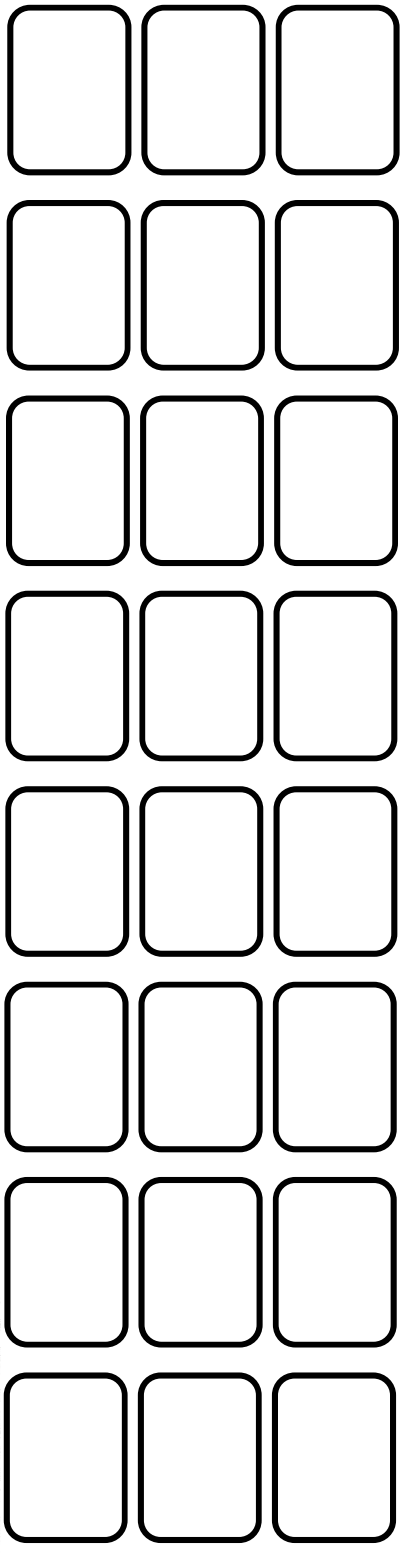
E CREATE A NUMBER PLACE VALUE math menu

NAME: _____

Roll three die. Record the 3 numbers in the squares. How many numbers can you create? Order them from least to greatest.



_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

_____ _____ _____ _____ _____ _____

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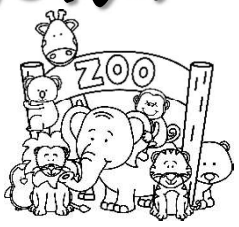
F

DESIGN A ZOO

PLACE VALUE math menu

NAME: _____

It's time to design your place value zoo! Use place value blocks to build the walls of the exhibits for each animal. Below you'll find the guidelines for each animal exhibit. You can build the exhibit around the animal cards.



Animal:	Total Value:	Number of hundreds blocks:	Number of tens rods:	Number of ones blocks:
Alligator	220			
Elephant	960			
Giraffe	835			
Hippo	426			
Kangaroo	441			
Koala	318			
Lion	653			
Monkey	395			
Panda Bear	422			
Penguin	234			
Polar Bear	876			
Rhino	855			
Seal	544			
Tiger	632			
Zebra	595			

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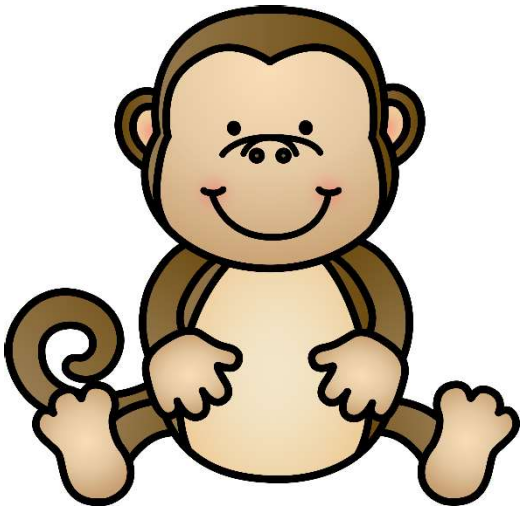
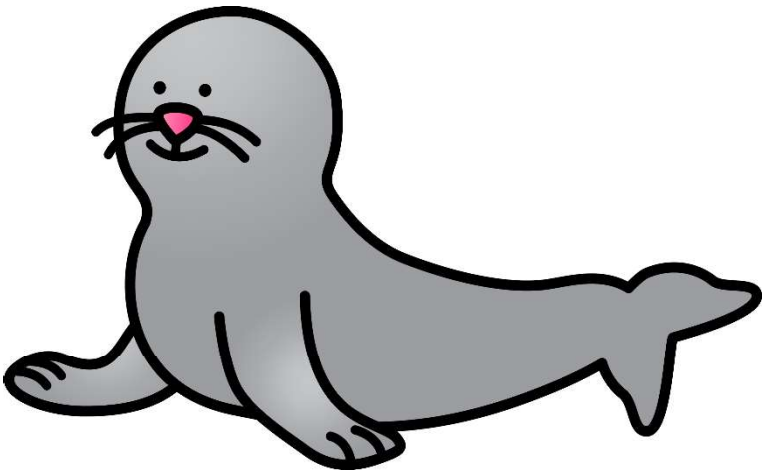
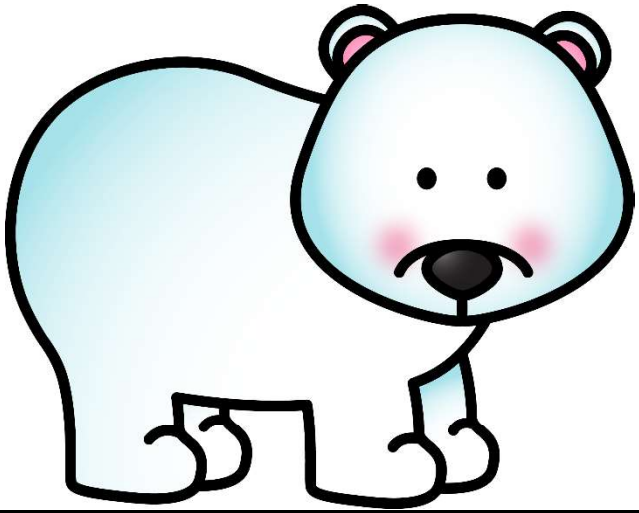
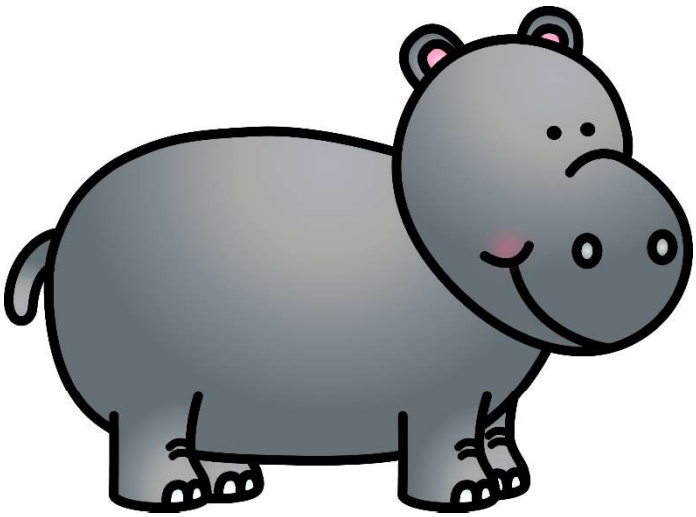
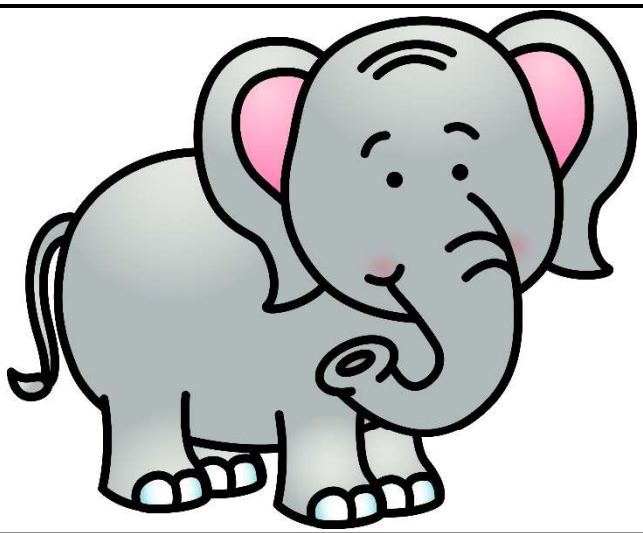
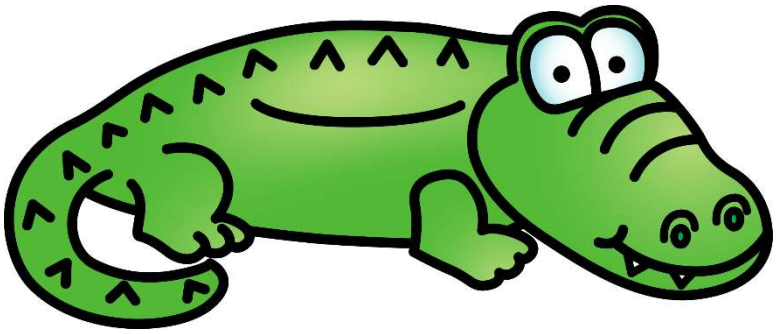


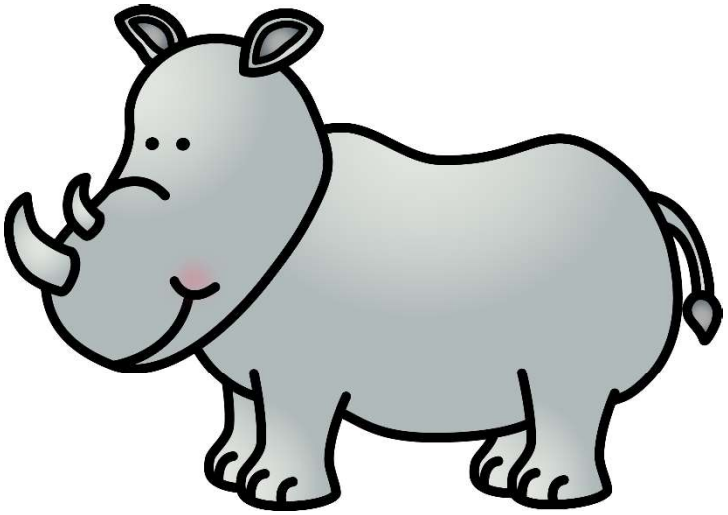


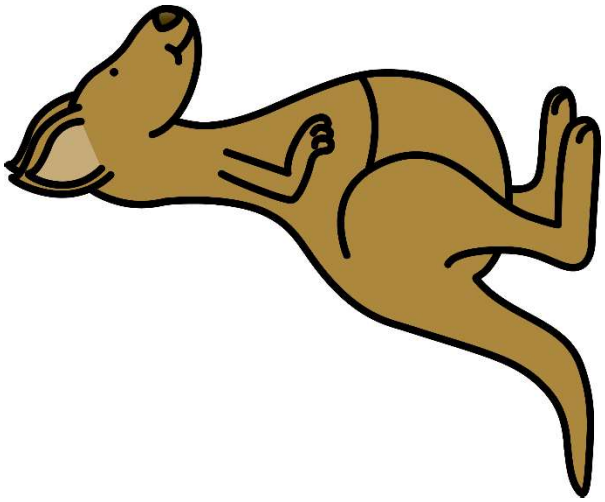


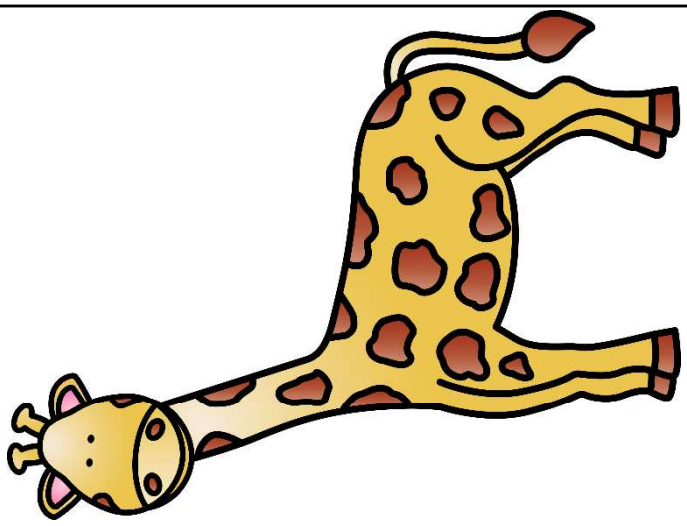


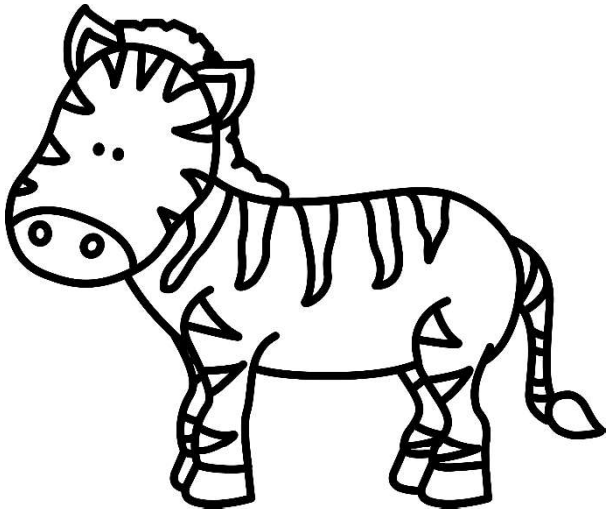


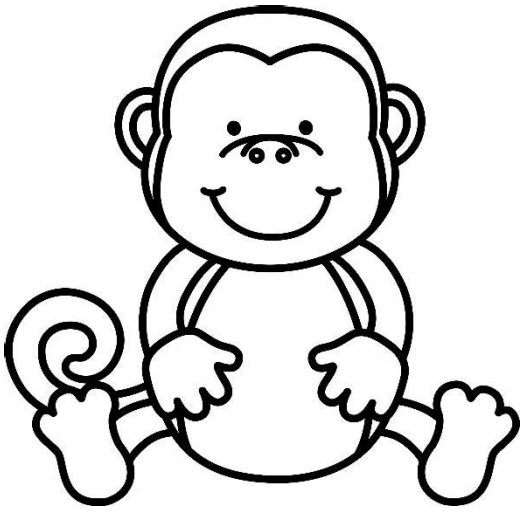


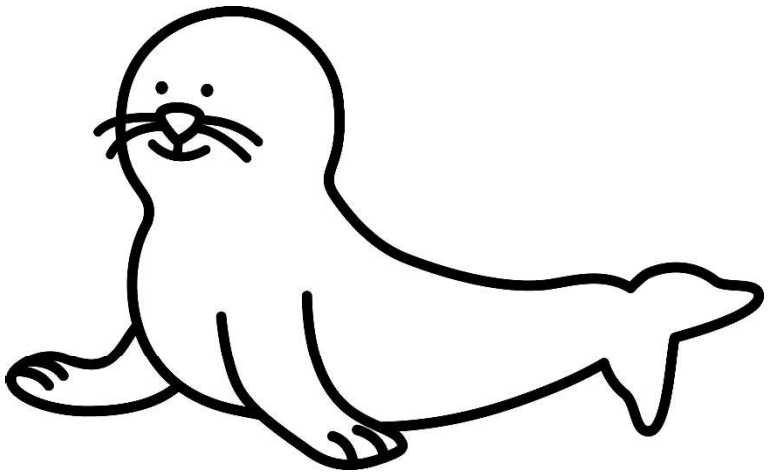


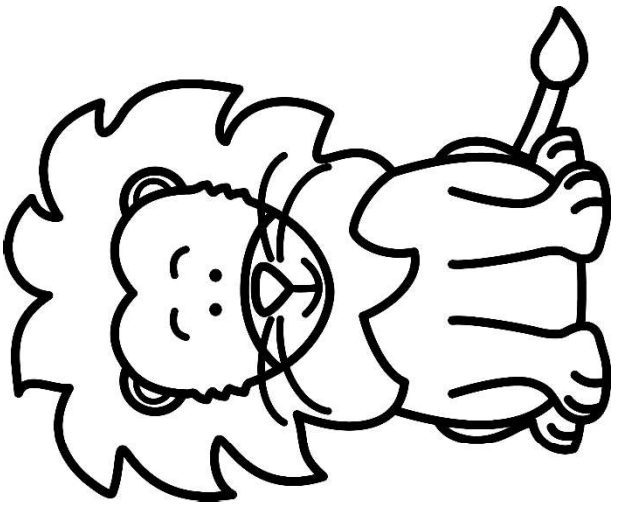


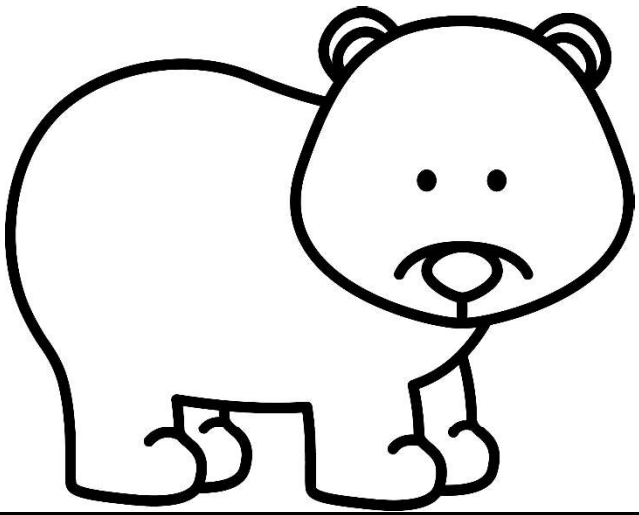


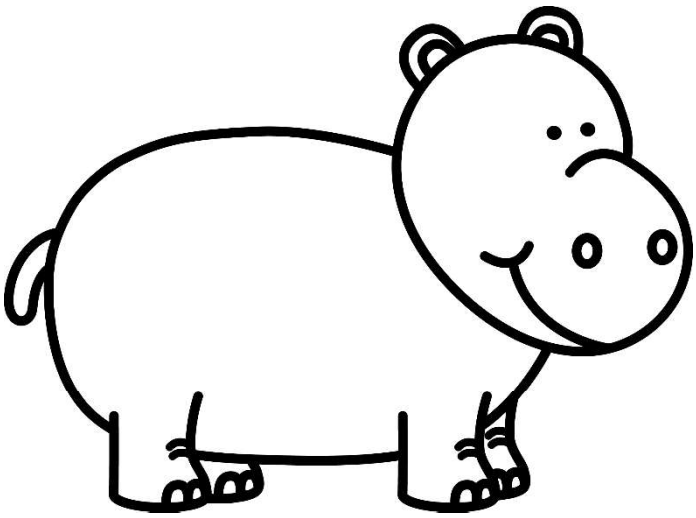


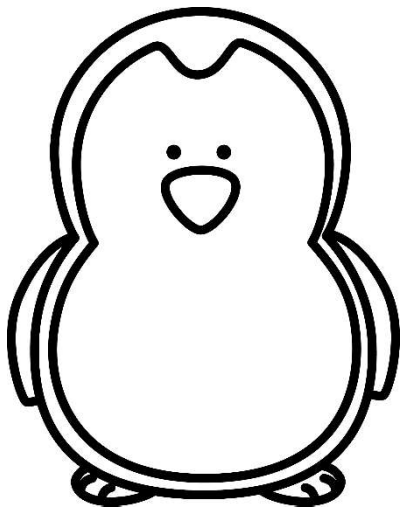


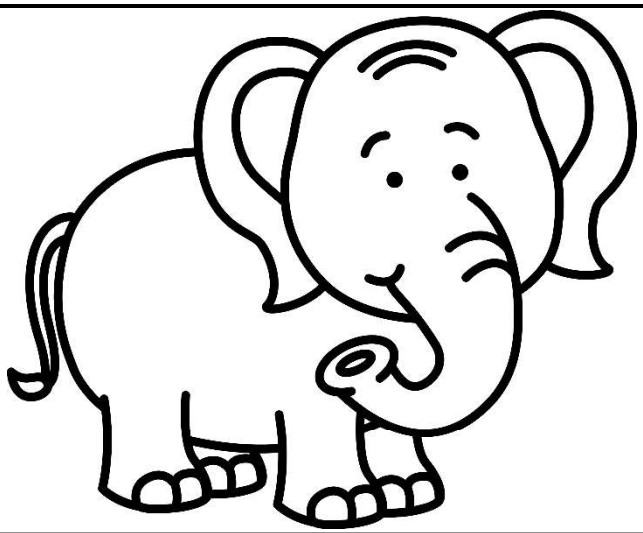


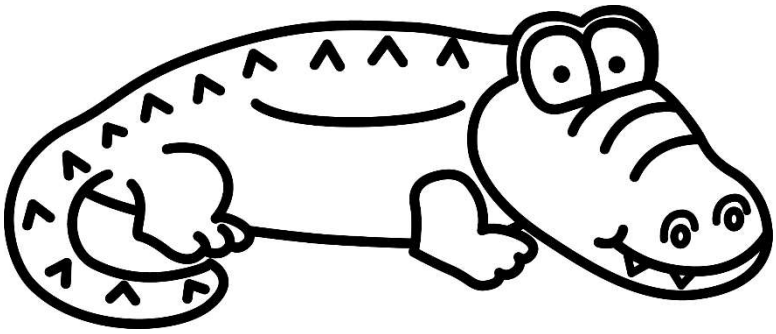


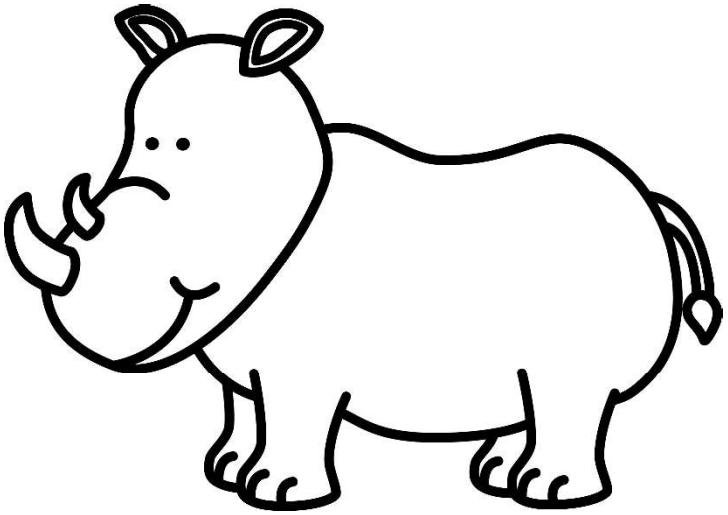


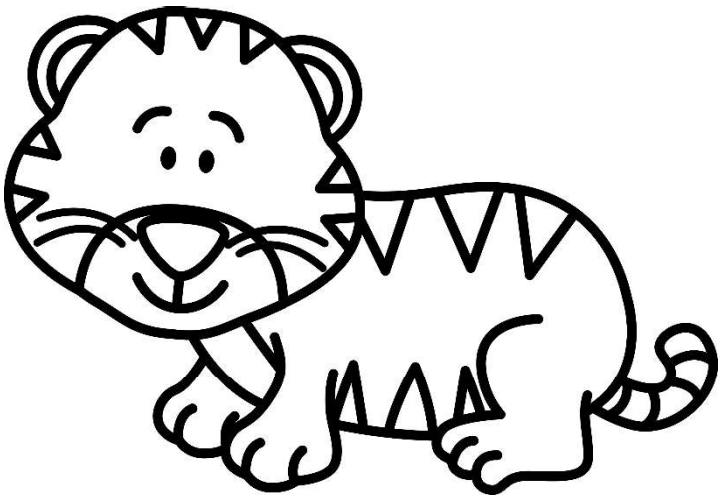


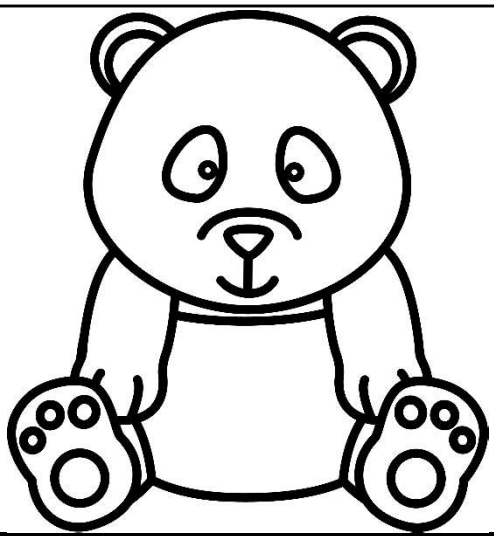


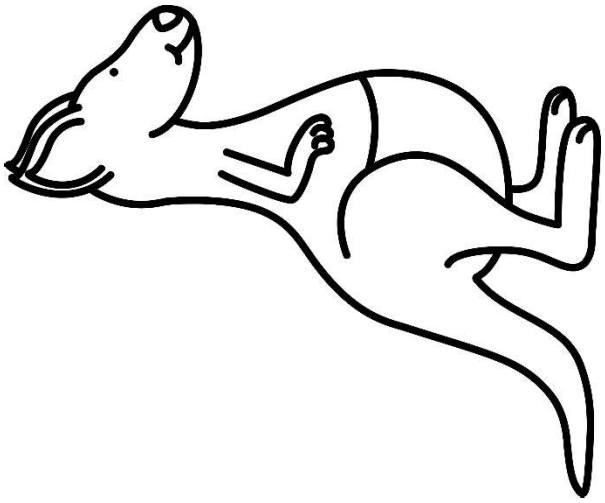


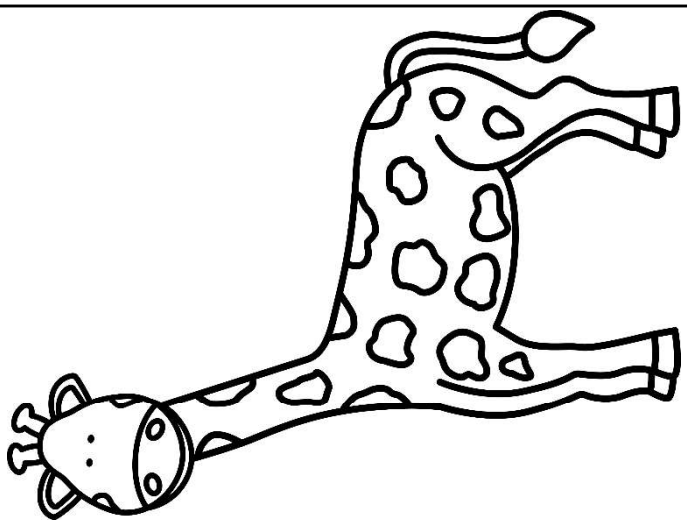












G

THE NUMBER ZERO

PLACE VALUE
math menu

NAME: _____

The number 0 thinks he's not important. Write a letter to him to show him why he is actually very important!

Dear Zero,

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

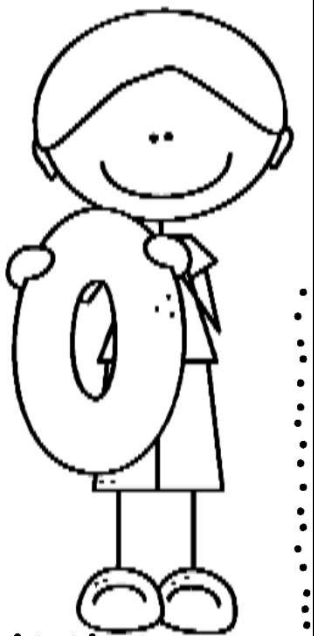
_____

_____

_____

Your friend,

_____



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H

10 MORE, 10 LESS

PLACE VALUE
math menu

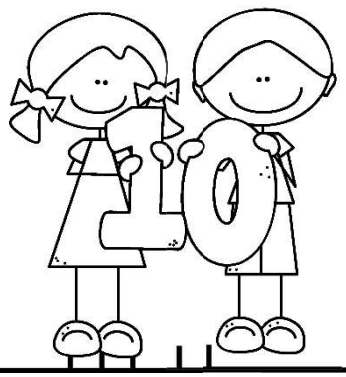
NAME: _____

Brainstorm some times that having 10 more of something would be a good thing.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

Brainstorm some times that having 10 less of something would be a good thing.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____



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I NUMBERS IN SPORTS

PLACE VALUE
math menu

NAME: _____

Think about your favorite sport. Why are numbers important for this sport? Make a list of all of the ways numbers are used in that sport.

Favorite sport: _____

How are numbers used in the sport? Why are they important?

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

What is your *least* favorite sport? What are a few ways numbers are used in that sport? _____

- _____
- _____

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