Name _____

SPONSOR A ZOO ANIMAL!

Polar Bear	$35.60	Penguin	$15.10
Hippopotamus	$22.75	Sulphur-Crested Cockatoo	$7.85
Bengal Tiger	$28.30	Koala Bear	$12.42
Giraffe	$16.50	Zebra	$3.24

The Zoo offers sponsorships on their animals. If a visitor has a favorite animal, he or she can pay for the food it eats. The prices are how much food costs divided by the number of animals the zoo has.

Example: There are 4 giraffes. If each giraffe costs $16.50, what is the total food cost for the giraffes? The total food cost for the giraffes is $66.00 ($16.50 x 4 = $66.00).

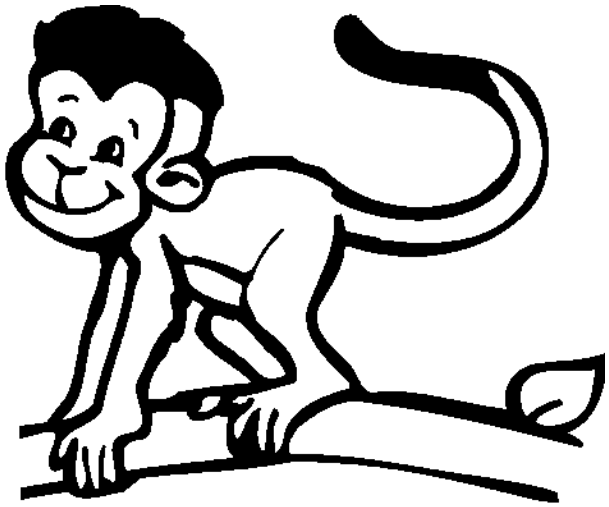
Using the table above, answer the following questions.

1. There are two hippopotamuses at the zoo. What was the total cost of food for the hippopotamuses? _____
2. There are 9 penguins in the Antarctica exhibit. How much is the total food cost for the penguins? _____
3. If the cockatoo food cost the zoo $62.80, how many cockatoos are there altogether? _____
4. Tamika's class visited the zoo. Her classmates want to sponsor as many animals as they can. If they collect $45.00, what is the greatest number of animals they can sponsor? _____
5. Tamika's favorite animal is the polar bear. How many animals can her classmates sponsor if one of them is a polar bear? _____
6. How much would Tamika's classmates need to collect if they wanted to sponsor all the animals? _____

Name _____

Use the items on the menu to answer the questions.

ZOO SNACK BAR MENU	
Popcorn	25¢
Ice Cream	65¢
Pretzel	50¢
Milk	40¢
Nachos	75¢
Juice	35¢
Hot Dog	85¢
Soda	55¢



1. Which item costs the least? _____
2. Which item costs the most? _____
3. Max has a quarter. What can he buy? _____
4. Rachel bought nachos and juice. How much did she spend?

   _____
5. Maria ordered a pretzel and milk. She gave the salesperson $1.00. How much change did she get back?

   _____
6. Jamal had a hotdog and soda. Sam had popcorn and juice, How much more did Jamal spend than Sam?

   _____

GRADE THREE • ZOO ANIMALS • MATH • 002

SKILL: PROBLEM SOLVING

Name _____

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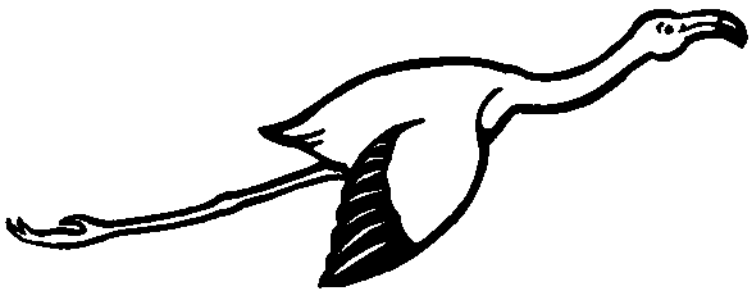
See how many problems you can solve in one minute.

10 − 2 =	5 − 2 =	7 − 4 =	8 − 1 =	14 − 5 =
2 − 1 =	6 − 5 =	11 − 3 =	12 − 1 =	4 − 2 =
9 − 9 =	13 − 6 =	18 − 9 =	3 − 1 =	7 − 5 =
17 − 8 =	16 − 8 =	4 − 4 =	9 − 7 =	7 − 3 =
11 − 6 =	15 − 6 =	1 − 0 =	10 − 1 =	9 − 8 =



GRADE THREE • ZOO ANIMALS • MATH • 003

SKILL: TIMED SUBTRACTION, 1–18

Name _____

See how many problems you can solve in one minute.

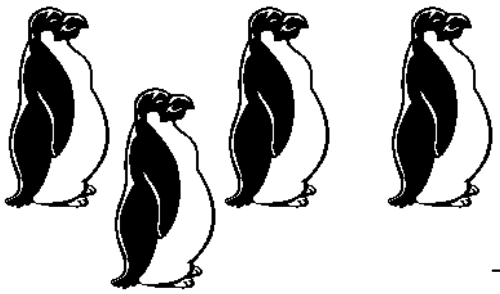
1 + 1	3 + 4	6 + 8	1 + 7	2 + 5
7 + 6	2 + 2	1 + 3	6 + 9	3 + 7
1 + 5	3 + 6	9 + 7	4 + 5	6 + 6
9 + 3	4 + 4	4 + 7	8 + 3	1 +9
8 + 2	5 + 8	4 + 2	7 + 7	9 + 4
9 + 9	3 + 2	8 + 7	5 + 6	2 + 6

GRADE THREE • ZOO ANIMALS • MATH • 004

SKILL: TIMED ADDITION 1–9

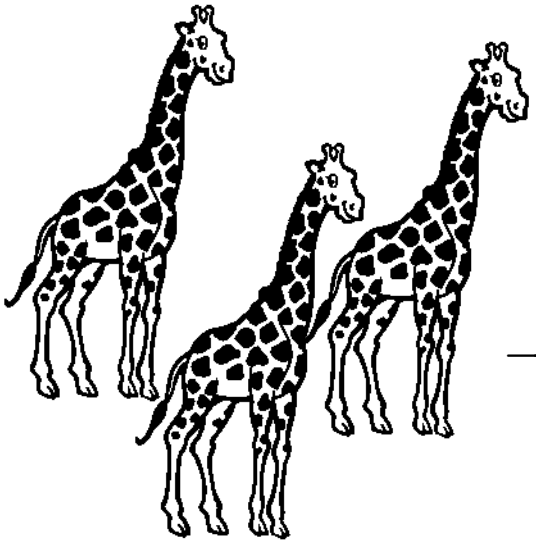
Name _____

Look at the animals on this page. Use multiplication to find out the totals.



_____ × _____ = _____

4 penguins | 2 feet | total number of feet

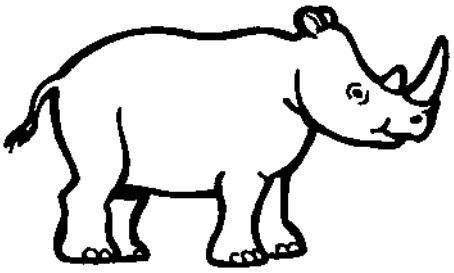


_____ × _____ = _____

3 giraffes | 4 legs | total number of legs

_____ × _____ = _____

1 walrus | 2 tusks | total number of tusks



_____ × _____ = _____

4 rhinoceros legs | 3 toes | total number of toes

GRADE THREE • ZOO ANIMALS • MATH • 005

SKILL: MULTIPLICATION

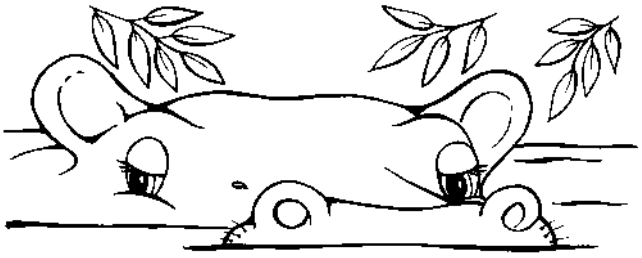
Name _____

1. On Monday there were 8 spider monkeys. On Tuesday 2 of them went to the infirmary for a week. On Wednesday 3 new monkeys came. On Thursday the zoo loaned 4 monkeys to another zoo. How many monkeys were there on Friday? _____

2. The gorilla ate 4 bananas on Monday, Wednesday and Friday. On the rest of the days it ate 3 bananas. How many bananas did it eat for the whole week? _____

3. The other gorilla ate 2 bananas on Monday, 3 bananas on Tuesday, 2 bananas on Wednesday, 4 bananas on Thursday, 3 bananas on Friday, 5 bananas on Saturday and 1 banana on Sunday. How many bananas did it eat for the whole week? _____

4. Carmen saw eight eyes sticking out of the water at the hippopotamus exhibit. How many hippopotamuses were there in the water? _____



Bonus

5. As I was leaving I saw 6 people enter the zoo at Gate 1, 7 people at Gate 2, and 4 people at Gate 3. There were 5 people waiting to get in at Gate 1, 6 people in line at Gate 2, and 5 people at Gate 3. How many people were leaving? _____

GRADE THREE • ZOO ANIMALS • MATH • 006

SKILL: WORD PROBLEMS

Name _____

Solve these word problems.

1. The zoo has only 9 flamingos and 16 cockatoos in their bird section. How many birds are there all together?

   _____ flamingos + _____ cockatoos = _____ birds

2. There were 6 lionesses at the zoo. All of them had babies. 2 of them had 2 babies each. 1 of them had 4 babies, and 3 had 3 babies each. How many babies were there?

   _____ babies

3. It costs 25¢ for an animal poster at the gift shop. A group of 5 friends bought 2 posters each. How many posters did they buy all together?

   _____ posters

   How much money did they spend?

   $ _____

4. Mihn wanted to see how long it would take to visit one section of the zoo. She estimated she would spend 5 minutes at each exhibit. There were 12 exhibits in the section. If she started at 1:00, what time would she be done?_____

GRADE THREE • ZOO ANIMALS • MATH • 007

SKILL: WORD PROBLEMS

Name _____

Subtract the problems.

45 -22	99 -17	75 -46	65 -42	88 -58
35 -28	28 -19	44 -13	88 -62	69 -25
96 -52	89 -27	84 -21	98 -55	42 -15
93 -18	52 -29	75 -25	57 -32	94 -63
56 -36	57 -18	82 -58	55 -36	47 -28

GRADE THREE • ZOO ANIMALS • MATH • 008

SKILL: SUBTRACTION, 2 DIGITS

Name _____

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Multiply the problems.

31 × 6	73 × 6	63 × 4	17 × 5	58 × 8
87 × 8	75 × 3	21 × 3	54 × 8	25 × 3
12 × 5	28 × 9	16 × 2	11 × 5	18 × 1
16 × 9	39 × 4	43 × 2	21 × 4	64 × 9
25 × 7	12 × 8	33 × 7	29 × 9	44 × 7
52 × 6	46 × 2	52 × 8	25 × 7	55 × 3

GRADE THREE • ZOO ANIMALS • MATH • 009

SKILL: MULTIPLICATION, 2 DIGIT BY 1 DIGIT

Name _____

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Add the problems.

721 +832	927 +374	633 +374	633 +724	237 +322
591 +287	115 +165	512 +615	724 +322	954 +165
826 +938	444 +591	719 +832	389 +477	834 +926
585 +694	366 +472	717 +832	785 +265	628 +717
926 +760	125 +492	147 +256	841 +836	486 +757
252 +327	585 +129	287 +394	836 +158	581 +663

GRADE THREE • ZOO ANIMALS • MATH • 0010

SKILL: ADDITION, 3 DIGIT NUMBERS

Name _____

Read the sentence. Write the underlined number word in the blank.

There are over twenty-four thousand animal species currently endangered or threatened by human activities. _____

Read the number words. Write the number in the blank.

twenty-one thousand, one hundred eleven _____

sixty-three thousand, five hundred ninety-nine _____

ten thousand, seventy-one _____

thirty-six thousand, two hundred seventy-five _____

forty-two thousand, four hundred forty-two _____

Look at the number. Write the number words in the blank as you would say it.

15,123 _____

26,004 _____

10,620 _____

47,952 _____

GRADE THREE • ZOO ANIMALS • MATH • 011

SKILL: READ AND WRITE DIGITS IN THE 10,000'S

Name _____

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Read the number words. Write the numbers in the blank.

one hundred sixty-seven _____

fifty-three _____

one thousand, eight hundred ninety-four _____

five thousand, one hundred eighty _____

three hundred thirty-three _____

seventy-six _____

Read the sentence. Write the underlined number word in the blank as you would say it.

There are 3,500 animals in the San Diego Zoo.

_____

Look at the number. Write the number words in the blank as you would say it.

807 _____

5,021 _____

4,898 _____

539 _____

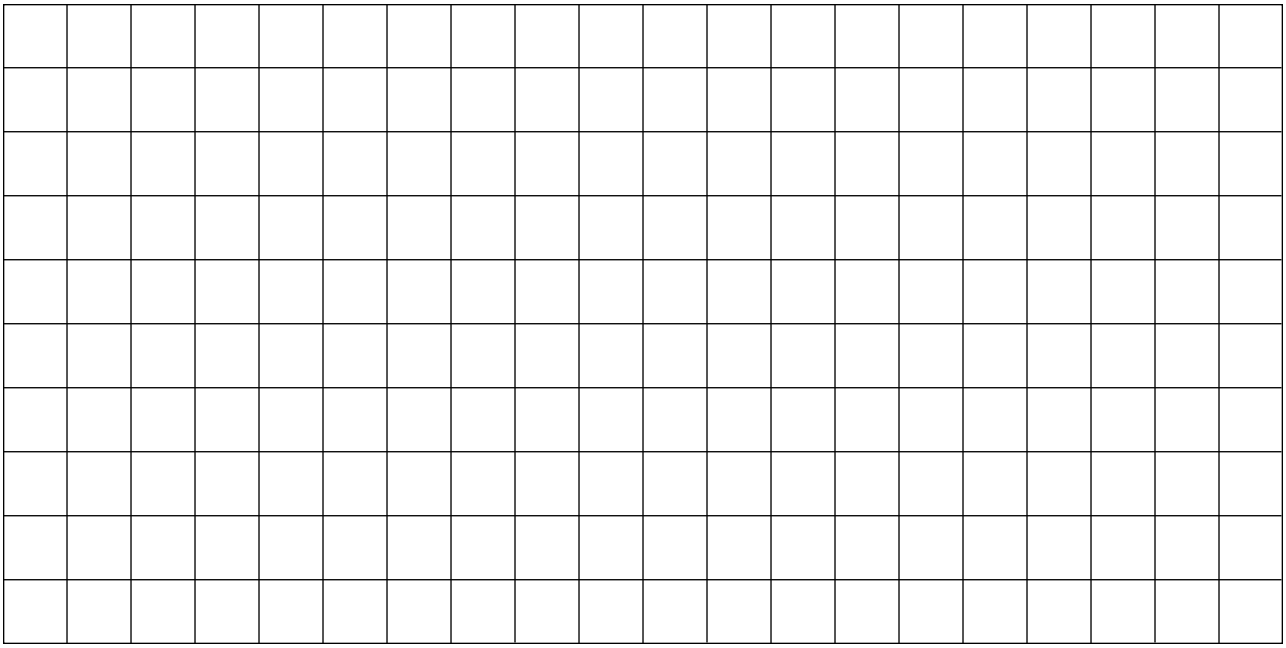
2,119 _____

GRADE THREE • ZOO ANIMALS • MATH • 012

SKILL: READ AND WRITE DIGITS TO THE THOUSANDS

Name _____

The zoo commissioned a rainbow wall mural that had an area of 200 units. Read the problem and write the answers.



The zoo wants the artist to use five colors. The artist will use a different color for each fraction of the mural. Choose a color for each fraction and show how many units it will take up. Create a mural for the zoo following their guidelines.

Example: $\frac{1}{10}$. $200 \times \frac{1}{10} = \frac{200 \times 1}{10} = 20$ units

You could color 20 units of the color chosen for the fraction $\frac{1}{10}$.

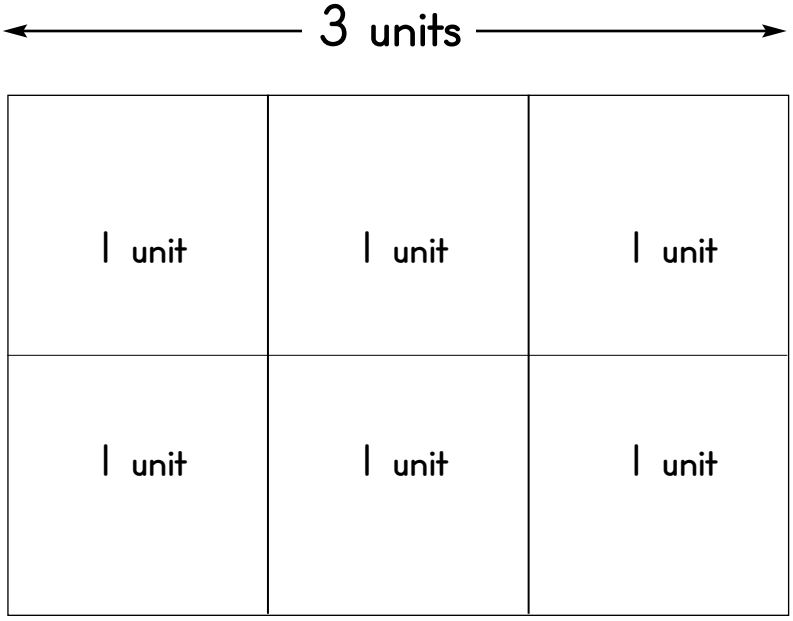
Fraction	Color	Number of units
$\frac{1}{10}$		20
$\frac{1}{20}$		
$\frac{1}{5}$		
$\frac{1}{4}$		
$\frac{2}{5}$		

GRADE THREE • ZOO ANIMALS • MATH • 013

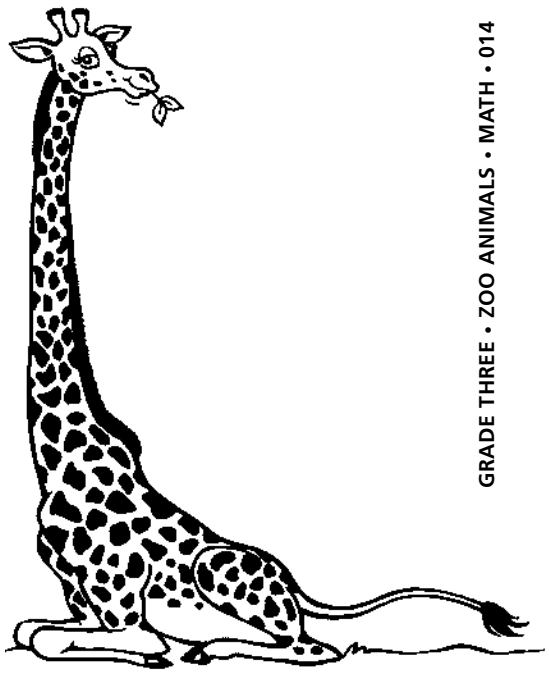
SKILL: AREA AND FRACTIONS

Name _____

The area of a rectangle is its width times its height.

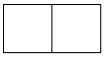


3 units × 2 units = 6 units



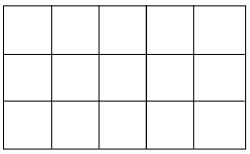
GRADE THREE • ZOO ANIMALS • MATH • 014

The zoo planner decided how much area each zoo animal would get to use. Look at his plans and write down how many units each animal can use.

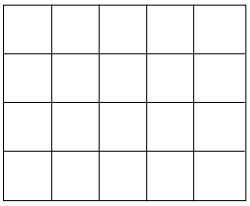


Snakes _____ × _____ = _____ units

Spider monkeys _____ × _____ = _____ units



Zebras _____ × _____ = _____ units



Giraffes _____ × _____ = _____ units

SKILL: AREA

Name

Solve the problems.

1. 25 ÷ 5 = _____

2. 63 ÷ 7 = _____

3. 72 ÷ 8 = _____

4. 44 ÷ 4 = _____

5. 42 ÷ 7 = _____

6. 81 ÷ 9 = _____

7. 5 × 5 = _____

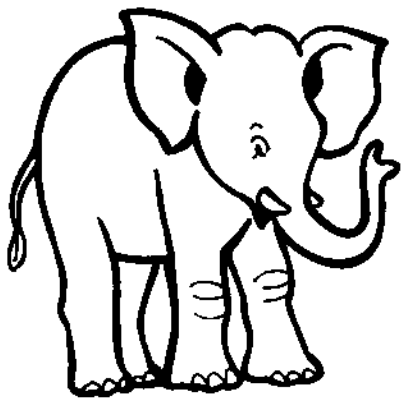
8. 7 × 7 = _____

9. 6 × 9 = _____

10. 4 × 9 = _____

11. 8 × 8 = _____

12. 8 × 7 = _____



GRADE THREE • ZOO ANIMALS • MATH • 015

SKILL: DIVISION AND MULTIPLICATION PRACTICE

Name _____

Learning Page.com

1. 8374 + 2375 = _____

2. 9781 + 2431 = _____

3. 3897 + 2464 = _____

4. 3869 + 4957 = _____

5. 1607 + 7663 = _____

6. 6249 + 2597 = _____

7. 5136 + 1314 = _____

8. 6531 + 3141 = _____

9. 5136 + 2961 = _____

10. 1341 + 8913 = _____

11. 8233 + 8937 = _____

12. 2739 + 9831 = _____

GRADE THREE • ZOO ANIMALS • MATH • 016

SKILL: ADDITION/ FOUR DIGITS

Name _____

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1. 2624 − 1413	5. 6972 − 3651	9. 8725 − 2916
2. 1987 − 1234	6. 3891 − 2341	10. 6513 − 1296
3. 7389 − 6224	7. 4113 − 3233	11. 5744 − 1425
4. 9273 − 2156	8. 8323 − 7475	12. 7160 − 3766

GRADE THREE • ZOO ANIMALS • MATH • 017

SKILL: SUBTRACTION/FOUR DIGITS

Name _____

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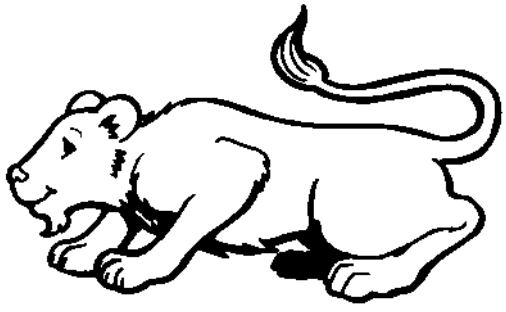
Solve the problems.

1. 100 ÷ 20 = _____
2. 125 ÷ 5 = _____
3. 65 ÷ 13 = _____
4. 132 ÷ 11 = _____
5. 216 ÷ 12 = _____
6. 196 ÷ 14 = _____
7. 98 ÷ 7 = _____
8. 88 ÷ 8 = _____
9. 144 ÷ 12 = _____
10. 160 ÷ 10 = _____
11. 72 ÷ 8 = _____
12. 144 ÷ 8 = _____
13. 221 ÷ 13 = _____
14. 165 ÷ 11 = _____



GRADE THREE • ZOO ANIMALS • MATH • 018

SKILL: DIVISION/ 2 OR 3 DIGITS

Name _____

Solve the problems.

$2\overline{)14}$	$3\overline{)21}$	$2\overline{)10}$	$4\overline{)16}$
$1\overline{)33}$	$6\overline{)30}$	$5\overline{)20}$	$7\overline{)28}$
$3\overline{)36}$	$7\overline{)49}$	$5\overline{)40}$	$4\overline{)36}$
$7\overline{)63}$	$8\overline{)64}$	$9\overline{)63}$	$2\overline{)22}$
$3\overline{)45}$	$8\overline{)24}$	$9\overline{)90}$	$1\overline{)67}$

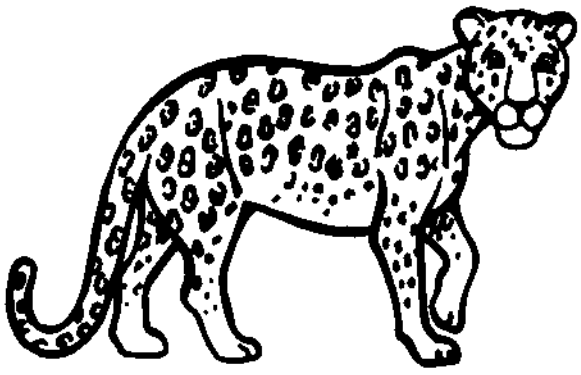
GRADE THREE • ZOO ANIMALS • MATH • 019

SKILL: DIVISION/1 DIGIT INTO 2 DIGITS

Name _____

Solve the problems.

1. 56 ÷ 8 = _____
2. 15 ÷ 3 = _____
3. 63 ÷ 7 = _____
4. 72 ÷ 6 = _____
5. 36 ÷ 9 = _____
6. 48 ÷ 6 = _____
7. 4 × 7 = _____
8. 9 × 3 = _____
9. 6 × 5 = _____
10. 8 × 9 = _____
11. 9 × 6 = _____
12. 4 × 7 = _____



GRADE THREE • ZOO ANIMALS • MATH • 020

SKILL: MULTIPLICATION AND DIVISION PRACTICE