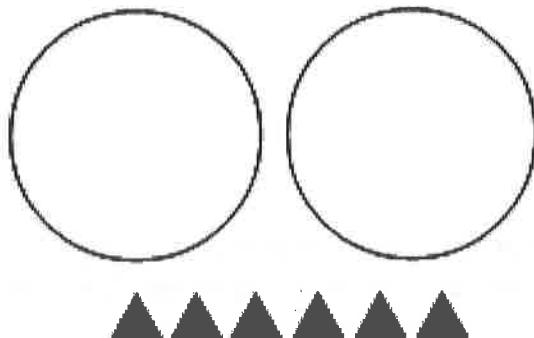


### Third Grade Math Madness

1.) There are 2 rings and 6 triangles. Move the rings and triangles so that each ring has 4 triangles in them.



2.) June 1<sup>st</sup> is a Friday. What other Fridays are in June?

3.) Jen is reading a book that has 108 pages. If she reads 9 pages a day, how many days will it take her to finish the book?

4.) Mike is reading a book that has 72 pages. If he reads 8 pages a day, how many days will it take him to finish the book?

5.) Sam paid \$4.00 for 8 bananas. How much would he pay for 12 bananas?

6.) Calculate the following:

A)  $9999 + 99 + 2 = \underline{\hspace{2cm}}$

B)  $9998 + 998 + 4 = \underline{\hspace{2cm}}$

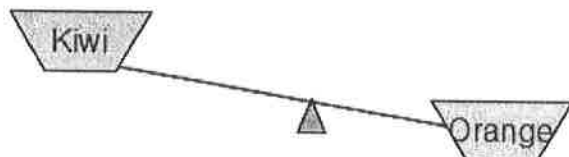
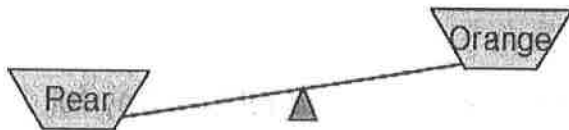
7.) How many 3 digit numbers can you make using the digits: 2, 4, and 0? Use each digit no more than once in each number.

8.) Fill in the blanks.

$$\begin{array}{r} + \quad \quad \quad 1 \quad 9 \\ \quad \quad \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \\ \quad \quad \quad 4 \quad 8 \end{array}$$

$$\begin{array}{r} + \quad \quad \quad 3 \quad 6 \\ \quad \quad \quad \underline{\hspace{1cm}} \quad \underline{\hspace{1cm}} \\ \quad \quad \quad 6 \quad 7 \end{array}$$

9.) The drawings below indicate fruits on balances. Which fruit is the heaviest? Which fruit is the lightest?



10.) Lincoln Elementary school has four 3rd grade classes. Each class has 22 students. At the end of the school year, 5 students transferred to another school. How many students are left in the 3rd grade at the end of school year?

11.) Fill in the blanks.

$$11 \times \underline{\quad} = 121$$

$$\underline{\quad} \times 12 = 144$$

12.) Fill in the blanks.

1, 2, 4,   ,   , 32, 64, 128

13.) Gonzalo has 5 baskets that hold 15 pears total. Each basket has a different number of pears. How many pears are there in each basket?

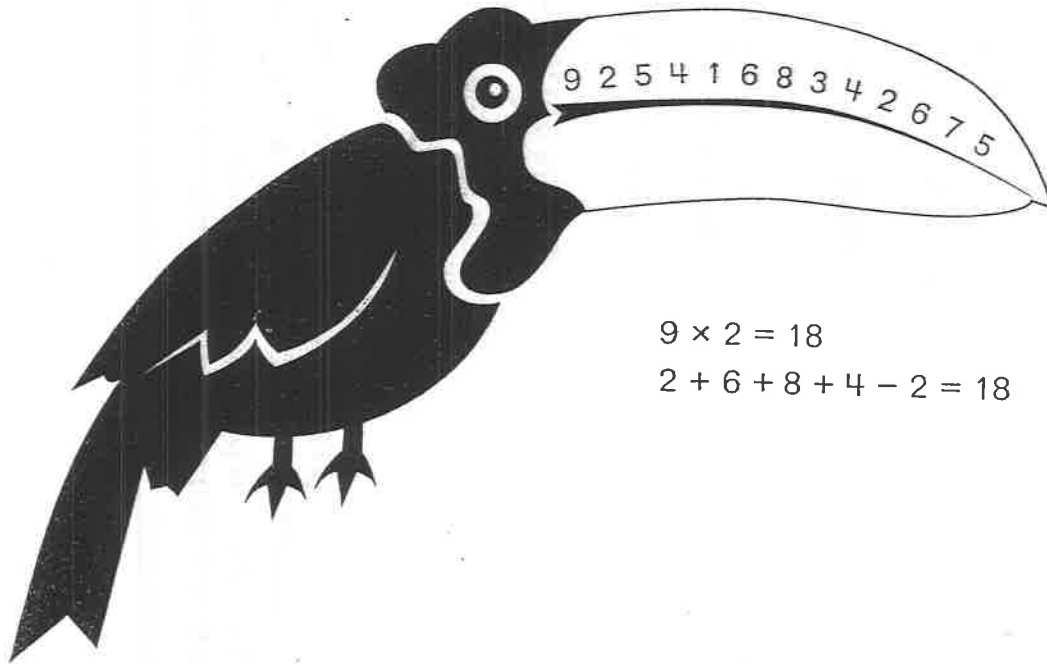
14.) How many rectangles are in the drawing below?



15.)

### Toucan, Can You?

Look at the numbers in Toucan's bill.



$$9 \times 2 = 18$$

$$2 + 6 + 8 + 4 - 2 = 18$$

How many ways can you make 18?

Try to find at least 10 different problems and write the answers.

Two have been done for you.

16.)

### Cross-Number Puzzle

Write the answers in the puzzle.

A				
B	C			
	D		E	
	F			

#### Across

**A.**  $1500 + 1500 = \underline{\quad}$

**B.** 15 more than  $3 \times 100$  is  $\underline{\quad}$

**D.**  $320 - 16 = \underline{\quad}$

**F.** 150 less than 300 is  $\underline{\quad}$

#### Down

**A.**  $3 \times 111 = \underline{\quad}$

**C.**  $80 + 63 = \underline{\quad}$

**E.** 9 groups of 50 is  $\underline{\quad}$

17.)

### Tongue Twisters

Which tongue twister is worth more?  
Use the chart to help you figure this out.

<b>A</b> = 1¢	<b>E</b> = 5¢	<b>I</b> = 9¢	<b>M</b> = 13¢	<b>R</b> = 18¢
<b>B</b> = 2¢	<b>F</b> = 6¢	<b>J</b> = 10¢	<b>N</b> = 14¢	<b>S</b> = 19¢
<b>C</b> = 3¢	<b>G</b> = 7¢	<b>K</b> = 11¢	<b>O</b> = 15¢	<b>T</b> = 20¢
<b>D</b> = 4¢	<b>H</b> = 8¢	<b>L</b> = 12¢	<b>P</b> = 16¢	<b>U</b> = 21¢

1. B r i n g a b l u e b u c k e t

-----

o f b l u e b e r r i e s .

-----

This tongue twister is worth \_\_\_\_ .

2. D o u b l e b u b b l e

-----

b u b b l e s d o u b l e .

-----

This tongue twister is worth \_\_\_\_ .

3. Which tongue twister is worth more? \_\_\_\_

18.)

### Puzzle Equations

Fill in the empty squares to make true equations.

Choose from the numbers 1 to 9. Write each number only once.

Hint: The equations go across and up and down.

12	+		-	2	=	16
-		-		+		
	-	1	+		=	7
+		+		+		
	+	8	-		=	5
=		=		=		
11		13		12		

19.)

**Seek and Find**

How many multiplication and division equations can you find in the puzzle below?

Circle the equations you find.

Hint: There are at least 15 equations.

Equations go across, up and down, and diagonally.

2	9	18	3	5	15	72
5	3	36	9	4	8	12
42	7	6	6	20	6	40
5	21	24	63	6	48	35
32	27	3	9	35	5	5
8	56	8	7	7	4	20

20.)

**Kidoku #1**

4		3	2
3		4	1
	4	2	
2			

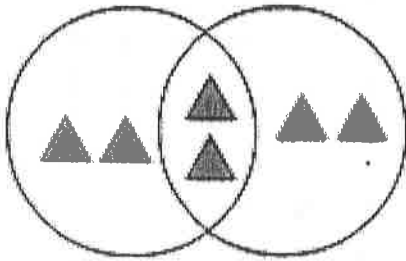
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Fill in the blank squares so that each row, each column and each 2-by-2 block contain all of the digits 1 thru 4.

If you use logic you can solve the puzzle without guessing!

Answers!

1.) Answer:



2.) Answer : 8th, 15th, 22nd, 29th

3.) Answer:  $108 \div 9 = 12$ ; it will take 12 days.

4.) Answer: 9 days  $72 \div 8 = 9$  day

5. Answer: Each banana costs  $\$4.00 \div 8 = \$0.50$ . Therefore 12 bananas cost \$6.

6.) Calculate the following:

Answers: A)  $9999 + 99 + 2 = 9999 + 1 + 99 + 1 = 10000 + 100 = 10100$

B)  $9998 + 998 + 4 = 9998 + 2 + 998 + 2 = 10000 + 1000 = 11000$

7.) Answer: 4 They are: 204, 240, 402, 420

8.)

$$\begin{array}{r}
 1 \quad 9 \\
 + \quad 2 \quad 9 \\
 \hline
 4 \quad 8
 \end{array}$$

$$\begin{array}{r}
 3 \quad 6 \\
 + \quad 3 \quad 1 \\
 \hline
 6 \quad 7
 \end{array}$$

9.) Answer: Pear is the heaviest. Kiwi is the lightest

10.) Answer: 83  $4 \times 22 - 5 = 83$

11.)  $11 \times 11 = 121$   $12 \times 12 = 144$

12.) Answer: 1, 2, 4, 8, 16, 32, 64, 128

13.) Answer: 1, 2, 3, 4, 5

14.) Answer: 6 3 small, 2 medium and 1 large

## Tongue Twisters

Which tongue twister is worth more?

Use the chart to help you figure this out.

<b>A</b> = 1¢	<b>E</b> = 5¢	<b>I</b> = 9¢	<b>M</b> = 13¢	<b>R</b> = 18¢
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1. B r i n g a b l u e b u c k e t  
2 18 9 14 7 1 2 12 21 5 2 21 3 11 5 20

o f b l u e b e r r i e s  
15 6 2 12 21 5 2 5 18 18 9 5 19

This tongue twister is worth \$2.90.

2. D o u b l e b u b b l e  
4 15 21 2 12 5 2 21 2 2 12 5

b u b b l e s d o u b l e  
2 21 2 2 12 5 19 4 15 21 2 12 5

This tongue twister is worth \$2.25.

3. Which tongue twister is worth more? The first one.

## Puzzle Equations

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Hint: The equations go across and up and down.

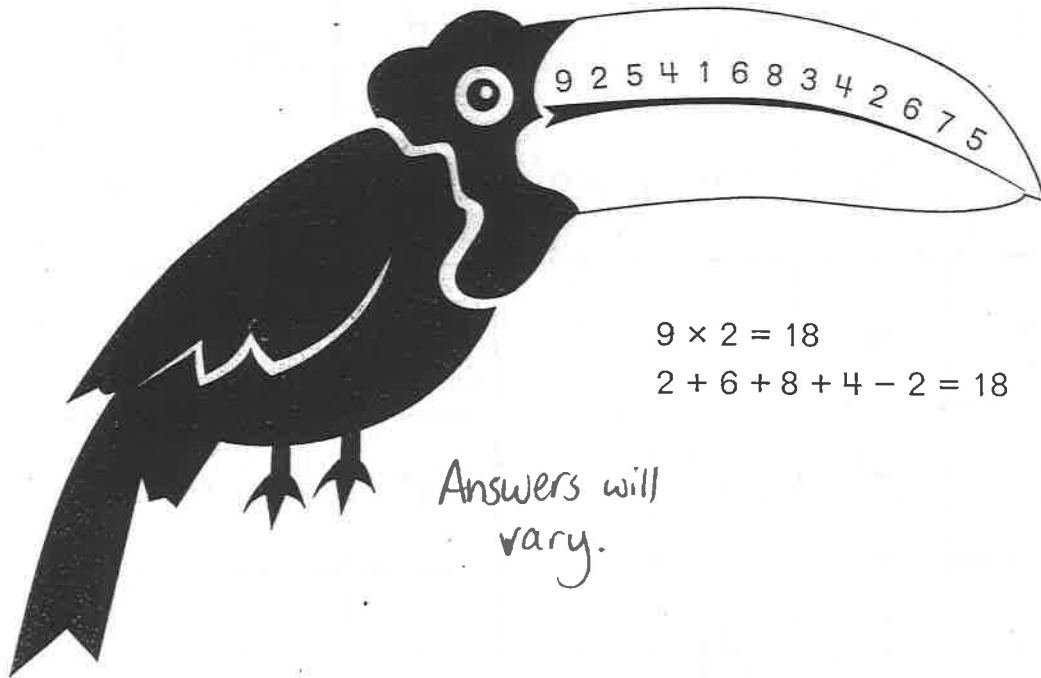
*Answers will vary. Here's one possibility.*

12	+	6	-	2	=	16
-		-		+		
5	-	1	+	3	=	7
+		+		+		
4	+	8	-	7	=	5
=		=		=		
11		13		12		



### Toucan, Can You?

Look at the numbers in Toucan's bill.



$$9 \times 2 = 18$$

$$2 + 6 + 8 + 4 - 2 = 18$$

*Answers will vary.*

How many ways can you make 18?

Try to find at least 10 different problems and write the answers.

Two have been done for you.

### Cross-Number Puzzle

Write the answers in the puzzle.

A	3	0	0	0	
	3				
B	3	C	1	5	
		4			
	D	3	0	E	4
				5	
	F	1	5	0	

#### Across

A.  $1500 + 1500 = \underline{\quad}$

B. 15 more than  $3 \times 100$  is  $\underline{\quad}$

D.  $320 - 16 = \underline{\quad}$

F. 150 less than 300 is  $\underline{\quad}$

#### Down

A.  $3 \times 111 = \underline{\quad}$

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## Kidoku #1

4		3	2
3		4	1
	4	2	
2			

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Fill in the blank squares so that each row, each column and each 2-by-2 block contain all of the digits 1 thru 4.

If you use logic you can solve the puzzle without guessing!

## Answers

Kidoku #1

4	1	3	2
3	2	4	1
1	4	2	3
2	3	1	4



## Tongue Twisters

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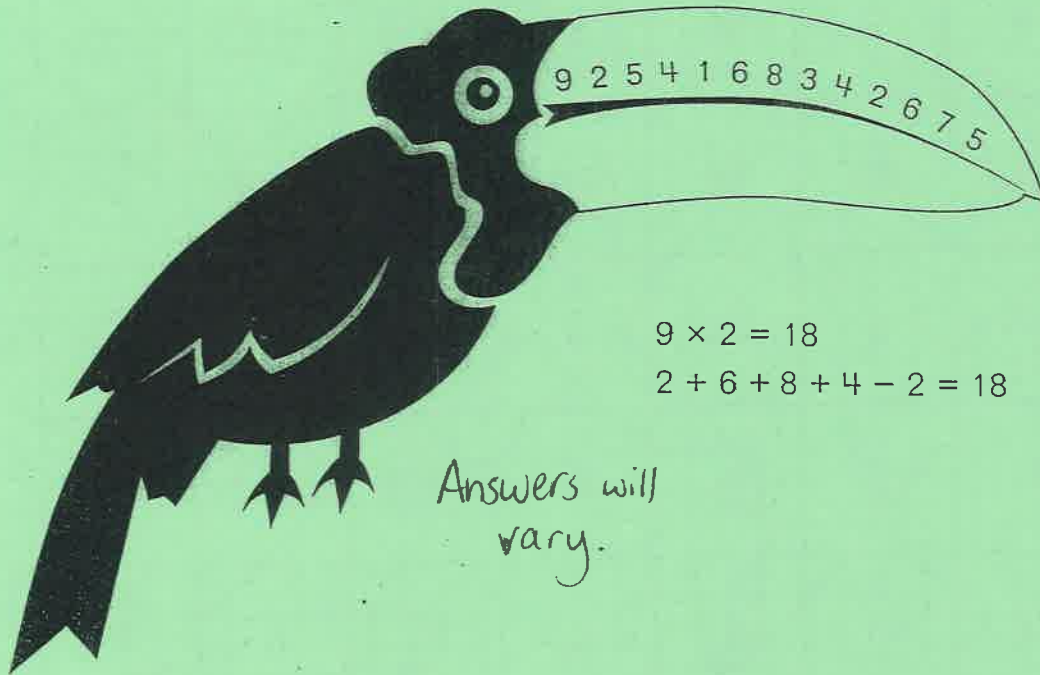
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+		+		+		
4	+	8	-	7	=	5
=		=		=		
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	3				
B	3	C	1	5	
		4			
	D	3	0	E	4
				5	
	F	1	5	0	

#### Across

A.  $1500 + 1500 = \underline{\quad}$

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## Answers

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