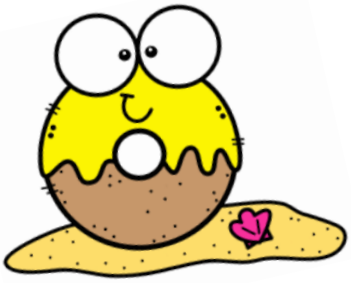
# 4TH GRADE SUMMER MATH

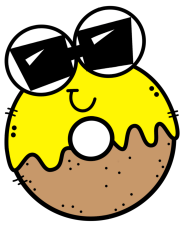



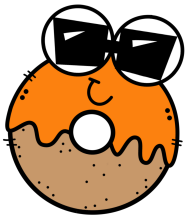

This packet will prepare you for 4th grade by reviewing important concepts that you have learned that will be expanded on in 4th Grade math! There are 18 pages to be completed over summer break. Your teacher will be collecting these packets by Friday of the first week of school!

**NAME:** _____

# Table of Contents







# Rounding Worksheet

## Practice Worksheet #1

### ROUNDING STEP-BY-STEP

1. Underline the digit in the place value you are rounding to.
2. Draw an arrow to the digit to its right.
3. If the digit under the arrow is 5 or more, raise the score of the underlined digit.

   If the digit under the arrow is 4 or less, give it a rest and keep the digit the same
4. Everything to the left stays the same.
5. Everything to the right becomes a zero.

Round the following numbers to the nearest 10.

91 _____ 29 _____

47 _____ 21 _____

15 _____ 88 _____

234 _____ 185 _____

159 _____ 312 _____

Round the following numbers to the nearest 100.

314 _____ 715 _____

249 _____ 619 _____

591 _____ 563 _____

# Rounding Worksheet

## Practice Worksheet #2

**ROUNDING STEP-BY-STEP**

1. Underline the digit in the place value you are rounding to.
2. Draw an arrow to the digit to its right.
3. If the digit under the arrow is 5 or more, raise the score of the underlined digit.
   If the digit under the arrow is 4 or less, give it a rest and keep the digit the same
4. Everything to the left stays the same.
5. Everything to the right becomes a zero.

Round the following numbers to the nearest 10.

34 _____ 42 _____

96 _____ 59 _____

234 _____ 542 _____

179 _____ 616 _____

297 _____ 912 _____

Round the following numbers to the nearest 100.

234 _____ 364 _____

387 _____ 175 _____

981 _____ 346 _____

# Expanded Notation Worksheet

Practice Worksheet #1

Write the following numbers in expanded notation.

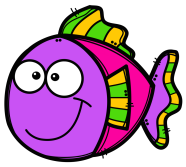
914 900 + 10 + 4

735 _____

620 _____

321 _____

549 _____



803 _____

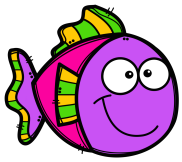
188 _____

# Expanded Notation Worksheet

## Practice Worksheet #2

Write the following numbers in expanded notation.

237 _____



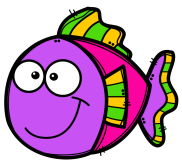
978 _____

504 _____

543 _____

626 _____

820 _____



225 _____

# Comparing Numbers Worksheet

## Practice Worksheet #1

Compare the following numbers using a >, <, or =.

455 _____ 456

199 _____ 200

764 _____ 674

89 _____ 101

320 _____ 320

398 _____ 389

872 _____ 872

# Comparing Numbers Worksheet

## Practice Worksheet #2

Compare the following numbers using a >, <, or =.

323 _____ 232

523 _____ 532

800 _____ 799

478 _____ 478

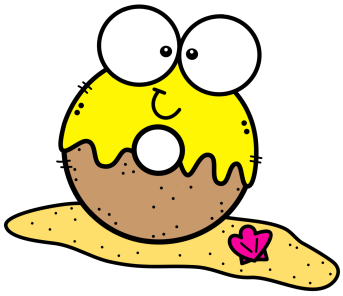
402 _____ 420

109 _____ 108

345 _____ 345

# Addition Worksheet

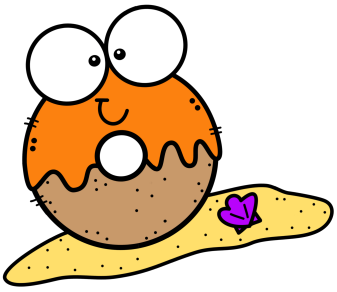
Practice Worksheet #1



Solve the following addition problems.

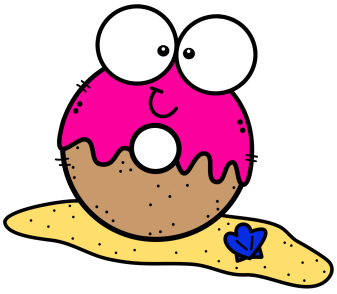
1)
$$\begin{array}{r} 362 \\ +\ 127 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 480 \\ +\ 212 \\ \hline \end{array}$$



3)
$$\begin{array}{r} 437 \\ +\ 293 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 734 \\ +\ 268 \\ \hline \end{array}$$

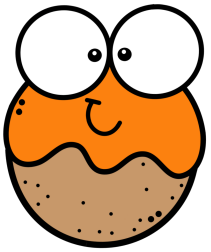


5)
$$\begin{array}{r} 703 \\ +\ 156 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 509 \\ +\ 234 \\ \hline \end{array}$$

# Addition Worksheet

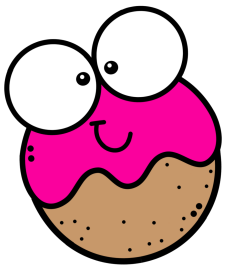
Practice Worksheet #2



Solve the following addition problems.

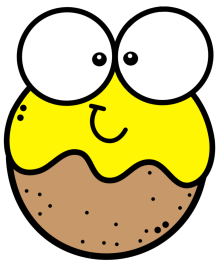
1) 452 + 239

2) 890 + 214



3) 362 + 245

4) 604 + 438

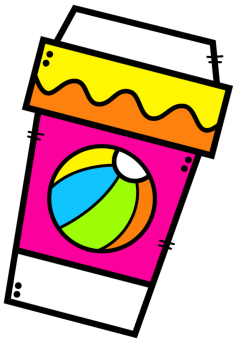


5) 505 + 286

6) 269 + 532

# Subtraction Worksheet

Practice Worksheet #1



Solve the following subtraction problems.

1) $\begin{array}{r} 362 \\ -\ 127 \\ \hline \end{array}$

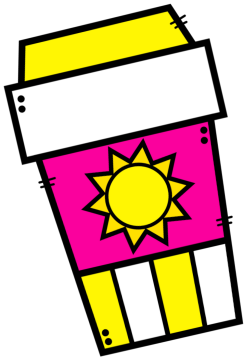
2) $\begin{array}{r} 480 \\ -\ 212 \\ \hline \end{array}$

3) $\begin{array}{r} 437 \\ -\ 193 \\ \hline \end{array}$

4) $\begin{array}{r} 734 \\ -\ 268 \\ \hline \end{array}$

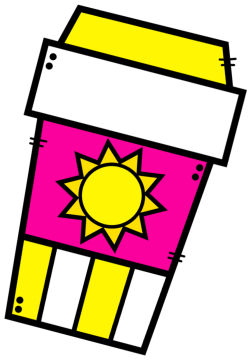
5) $\begin{array}{r} 703 \\ -\ 156 \\ \hline \end{array}$

6) $\begin{array}{r} 509 \\ -\ 234 \\ \hline \end{array}$



# Subtraction Worksheet

## Practice Worksheet #2



Solve the following subtraction problems.

1) 694 − 572

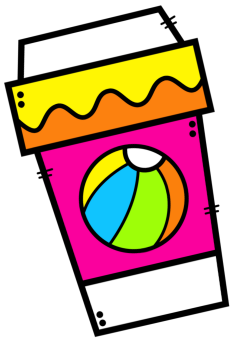
2) 827 − 354

3) 519 − 272

4) 524 − 137

5) 502 − 358

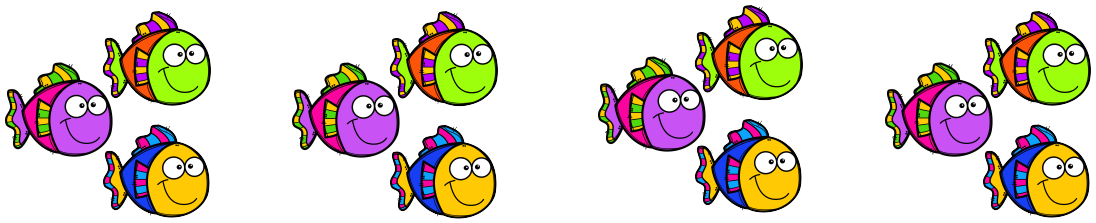
6) 708 − 252



# Equal Groups Worksheet

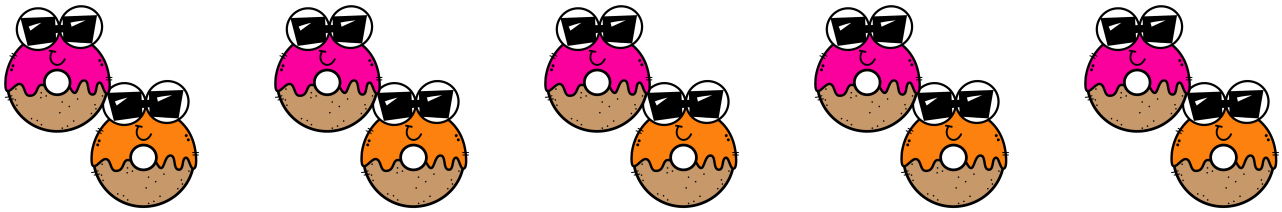
## Practice Worksheet

Write the number models that fit each picture.



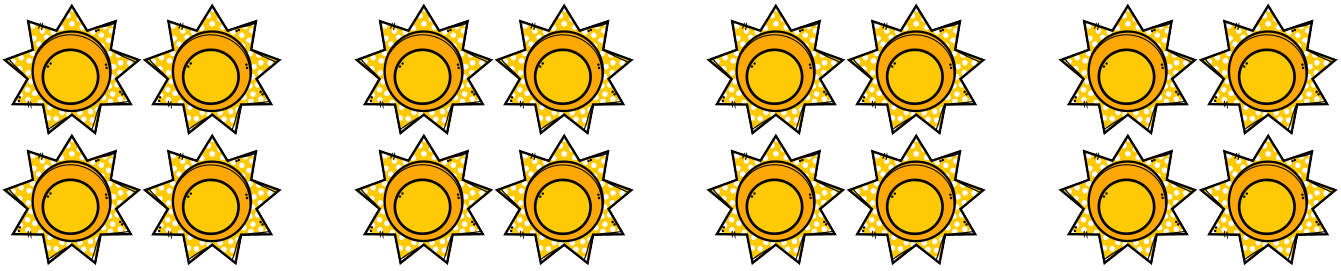
There are _____ groups with_____ fish in each group.

_____ ×_____= _____



There are _____ groups with_____ donuts in each group.

_____ ×_____= _____

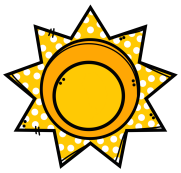


There are _____ groups with_____ suns in each group.

_____ ×_____= _____

# Multiplication Worksheet

## Practice Worksheet



Solve the following.

| | | |
|---|---|---|
| 4 × 2 = _____ | 8 × 5 = _____ | 9 × 7 = _____ |
| 5 × 6 = _____ | 7 × 4 = _____ | 10 × 3 = _____ |
| 8 × 3 = _____ | 5 × 9 = _____ | 4 × 8 = _____ |
| 4 × 9 = _____ | 6 × 6 = _____ | 3 × 7 = _____ |
| 7 × 8 = _____ | 4 × 5 = _____ | 8 × 6 = _____ |

# Missing Factors Worksheet

## Practice Worksheet

Solve the following.

| | | |
|---|---|---|
| 8 × _____ = 72 | 6 × 6 = _____ | _____ × 7 = 49 |
| 4 × 4 = _____ | _____ × 5 = 30 | 10 × _____ = 70 |
| _____ × 3 = 27 | 7 × _____ = 21 | 7 × 4 = _____ |
| 5 × 6 = _____ | _____ × 3 = 18 | 2 × _____ = 18 |
| 8 × _____ = 64 | 4 × 6 = _____ | _____ × 9 = 45 |

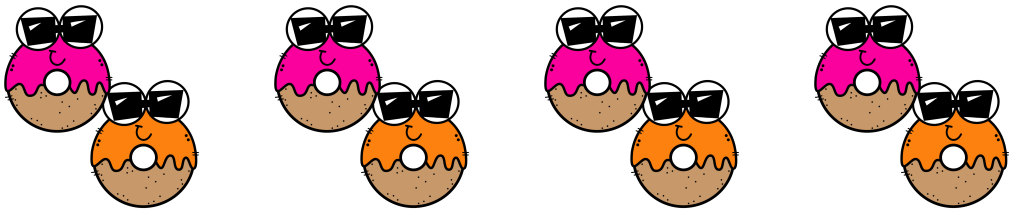
# Division Worksheet

## Practice Worksheet

Write the number models that fit each picture.

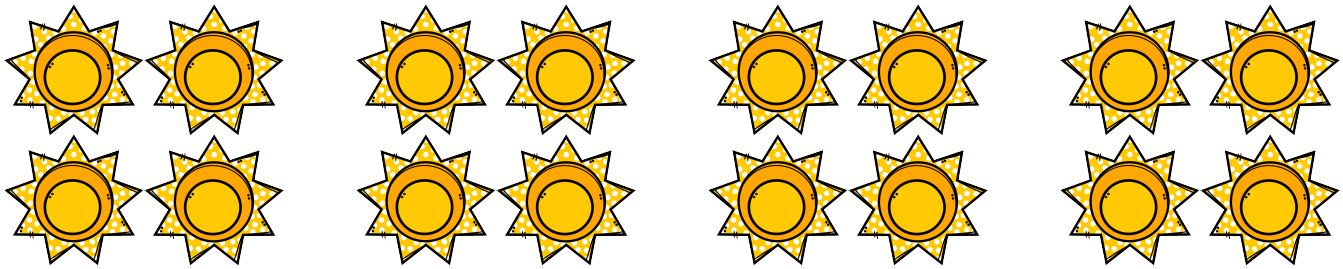
There are 15 total fish. If the fishes are divided into 5 equal groups, how many fish are in one group?

_____ ÷ _____ = _____



There are 8 total donuts. If the donuts are divided into 4 equal groups, how many donuts are in one group?

_____ ÷ _____ = _____

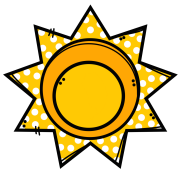


There are 16 total suns. If the suns are divided into 4 equal groups, how many suns are in one group?

_____ ÷ _____ = _____

# Division Worksheet

## Practice Worksheet



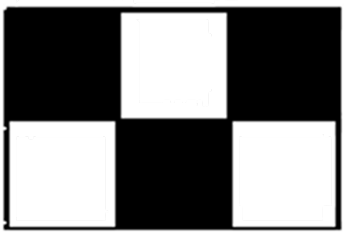
Solve the following.

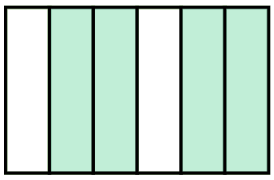
| | | |
|---|---|---|
| 14 ÷ 2 = _____ | 25 ÷ 5 = _____ | 81 ÷ 9 = _____ |
| 18 ÷ 3 = _____ | 32 ÷ 8 = _____ | 32 ÷ 4 = _____ |
| 27 ÷ 9 = _____ | 36 ÷ 6 = _____ | 42 ÷ 7 = _____ |
| 28 ÷ 7 = _____ | 16 ÷ 4 = _____ | 40 ÷ 5 = _____ |
| 35 ÷ 5 = _____ | 21 ÷ 3 = _____ | 48 ÷ 8 = _____ |

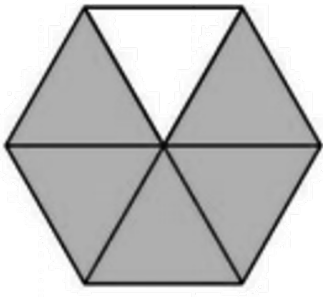
# Identifying Fractions Worksheet

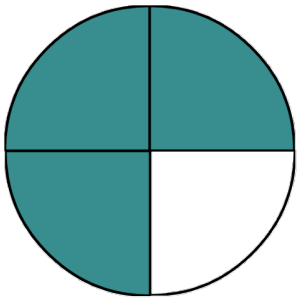
Practice Worksheet

Write the fraction that is shaded in the models below.









# Fractions on a Number Line

Name: _____

## Practice Worksheet

1)Divide the number line below into halves. Label ½ on the number line.


2)Divide the number line below into fourths. Label ¾ on the number line.


2) Divide the number line below into eights. Label ⅞ on the number line.


2) Divide the number line below into sixths. Label ⅚ on the number line.

# Comparing Fractions

Name: _____

## Practice Worksheet

Write the fraction beneath each model. Then, compare the following fractions using a >, <, or = symbol.