



2018 SUMMER  
Mathematic  
SKILLS SHARPENER  
GOING TO FOURTH GRADE

CELEBRATING 36 YEARS OF BUILDING THE FUTURE OF OUR YOUTH!



# 2018 SUMMER Mathematics

## SKILLS SHARPENER GOING TO FOURTH GRADE

STUDENT'S NAME	DATE
TEACHER COMING FROM	SCORE
TEACHER GOING TO	
PARENT'S SIGNATURE	DATE RECEIVED

# SKILLS SHARPENER GOING TO FORTH GRADE

SCORE - \_\_\_/\_\_\_

## WEEK I. MATH

### Day 1 – PLACE VALUE –

<i>Thousands</i>	<i>Hundreds</i>	<i>Tens</i>	<i>Ones</i>
8	5	7	4

- a. The digit 5 stands for \_\_\_\_\_.
- b. The digit 4 stands for \_\_\_\_\_.
- c. The digit 8 stands for \_\_\_\_\_.
- d. The digit 7 stands for \_\_\_\_\_.
- 
- e. The digit in the thousands place is \_\_\_\_\_.
- f. The digit in the tens place is \_\_\_\_\_.
- g. The digit in the hundreds place is \_\_\_\_\_.
- h. The digit in the ones place is \_\_\_\_\_.

### Day 2 - ADD.

- a.  $9000 + 200 + 50 + 7 =$  \_\_\_\_\_
- b.  $4000 + 600 + 80 =$  \_\_\_\_\_
- c.  $1000 + 70 + 3 =$  \_\_\_\_\_
- d.  $3000 + 4 =$  \_\_\_\_\_
- e.  $5000 + 900 + 2 =$  \_\_\_\_\_
- f.  $7000 + 80 =$  \_\_\_\_\_

### Day 3 - WRITE THE NUMBES IN WORDS

- a. 5,417 = \_\_\_\_\_
- b. 6,940 = \_\_\_\_\_
- c. 8,053 = \_\_\_\_\_
- d. 7,209 = \_\_\_\_\_
- e. 9,004 = \_\_\_\_\_
- f. 6, 439 = \_\_\_\_\_

### Day 4 - WRITE THE NUMBERS

- a. four thousand, three hundred, twenty-one = \_\_\_\_\_
- b. eight thousand two hundred nine = \_\_\_\_\_
- c. five thousand sixty-three = \_\_\_\_\_
- d. one thousand seven = \_\_\_\_\_
- e. three thousand = \_\_\_\_\_
- f. seven thousand seven hundred seventy-seven = \_\_\_\_\_



**Day 4 - WORD PROBLEMS, ADD OR SUBTRACT.**

- a. There are 1243 students enrolled in a school.  
586 went on a school trip.  
How many students did not go on the school trip?
- b. A school library has 2040 books.  
1458 of the books had been borrowed.  
How many books were left in the library?
- c. After paying \$1,138 for a new television set, Mr. Ramos had \$862 left.  
How much money did he have at first?

**WEEK III. MATH**

**Day 1 - MULTIPLY**

- |                                     |                                      |                                      |
|-------------------------------------|--------------------------------------|--------------------------------------|
| a. $2 \times 5 = \underline{\quad}$ | d. $5 \times 6 = \underline{\quad}$  | g. $8 \times 4 = \underline{\quad}$  |
| b. $3 \times 7 = \underline{\quad}$ | e. $6 \times 10 = \underline{\quad}$ | h. $9 \times 3 = \underline{\quad}$  |
| c. $4 \times 9 = \underline{\quad}$ | f. $7 \times 8 = \underline{\quad}$  | i. $10 \times 7 = \underline{\quad}$ |

**Day 2 - MULTIPLY**

- |                                      |                                     |                                     |
|--------------------------------------|-------------------------------------|-------------------------------------|
| a. $10 \times 5 = \underline{\quad}$ | d. $2 \times 8 = \underline{\quad}$ | g. $5 \times 3 = \underline{\quad}$ |
| b. $8 \times 1 = \underline{\quad}$  | e. $3 \times 6 = \underline{\quad}$ | h. $6 \times 6 = \underline{\quad}$ |
| c. $7 \times 0 = \underline{\quad}$  | f. $4 \times 8 = \underline{\quad}$ | i. $9 \times 7 = \underline{\quad}$ |

### Day 3 - MULTIPLY

a)  $400 \times 3 =$  \_\_\_\_\_

b)  $537 \times 4 =$  \_\_\_\_\_

c)  $906 \times 5 =$  \_\_\_\_\_

d)  $200 \times 5 =$  \_\_\_\_\_

e)  $600 \times 7 =$  \_\_\_\_\_

f)  $300 \times =$  \_\_\_\_\_

### Day 4 – MULTIPLY

a) 
$$\begin{array}{r} 400 \\ \times 6 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 521 \\ \times 4 \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 304 \\ \times 9 \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 648 \\ \times 5 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 406 \\ \times 8 \\ \hline \end{array}$$

f) 
$$\begin{array}{r} 236 \\ \times 7 \\ \hline \end{array}$$

## WEEK IV. MATH

### Day 1 - Divide

a.  $10 \div 1 =$  \_\_\_\_\_

b.  $12 \div 2 =$  \_\_\_\_\_

c.  $18 \div 3 =$  \_\_\_\_\_

d.  $32 \div 4 =$  \_\_\_\_\_

e.  $45 \div 5 =$  \_\_\_\_\_

f.  $24 \div 6 =$  \_\_\_\_\_

g.  $49 \div 7 =$  \_\_\_\_\_

h.  $40 \div 8 =$  \_\_\_\_\_

i.  $27 \div 9 =$  \_\_\_\_\_

### Day 2 - DIVIDE.

a.  $5 \div 1 =$  \_\_\_\_\_

b.  $18 \div 2 =$  \_\_\_\_\_

c.  $21 \div 3 =$  \_\_\_\_\_

d.  $24 \div 4 =$  \_\_\_\_\_

e.  $25 \div 5 =$  \_\_\_\_\_

f.  $30 \div 6 =$  \_\_\_\_\_

g.  $14 \div 7 =$  \_\_\_\_\_

h.  $24 \div 8 =$  \_\_\_\_\_

i.  $54 \div 9 =$  \_\_\_\_\_

**Day 3 – DIVIDE**

a)  $6 \overline{) 64}$

c)  $7 \overline{) 97}$

e)  $8 \overline{) 59}$

b)  $3 \overline{) 23}$

d)  $4 \overline{) 34}$

f)  $5 \overline{) 41}$

**Day 4 – DIVIDE**

a.  $5 \overline{) 942}$

c.  $7 \overline{) 801}$

e.  $4 \overline{) 212}$

b.  $6 \overline{) 270}$

d.  $8 \overline{) 195}$

f.  $9 \overline{) 222}$

## **WEEK V – MATH**

### **Day 1 – Word Problems – Multiply or Divide**

a. Samuel bought 6 concert tickets. Each concert ticket cost \$125.  
How much money did he spend altogether?

b. Roberto spent \$917 in 7 tablets.  
How much did each tablet cost?

c. Karina has 728 books. She divided them equally into 5 boxes.  
How many books were in each box? \_\_\_\_\_  
How many books did she had left? \_\_\_\_\_

### **Day 2 – WORD PROBLEMS – MULTIPLY OR DIVIDE**

a. A baker uses 9 eggs for 1 cake. He baked 245 cakes.  
How many eggs did the baker use in all?

b. Roy had 6 times as many toy cars as Sammy. If Sammy had 7 comic books, how many comic books did Roy have?

c. David practiced on the piano for 2 hours each day.  
How many hours did he practice in 36 days?



**Day 3 – WORD PROBLEMS – ADD OR SUBTRACT**

- a. There were 2546 adults and 1037 children at a concert. How many more adults than children were there?
- b. Diego and some friends went to the mall last week. Diego spent \$109, John spent \$146, and Jean spent \$113. How much money did they spend in all?

**Day 4 – WORD PROBLEMS – ADD OR SUBTRACT**

- a. Maggie collected 3586 beads and Lola collected 5120 beads. How many beads did they collect together?
- b. Mr. Ramos has a total of 1298 bicycles at his bike shop. He took 598 bicycles and parked them outside the shop. How many bicycles did he keep inside the shop?

**WEEK VI. MATH**

**Day 1 – Circle the greatest fraction**

a.  $\frac{1}{7}$      $\frac{1}{12}$      $\frac{1}{5}$

a.  $\frac{2}{8}$     1     $\frac{6}{8}$

b.  $\frac{2}{8}$      $\frac{2}{4}$      $\frac{2}{6}$

b.  $\frac{6}{10}$      $\frac{3}{10}$      $\frac{8}{10}$

c.  $\frac{3}{6}$      $\frac{3}{4}$      $\frac{3}{10}$

c.  $\frac{4}{9}$      $\frac{1}{9}$      $\frac{7}{9}$

Day 2 – Circle the smallest fraction

a.  $\frac{1}{8}$     $\frac{1}{12}$     $\frac{1}{4}$

b.  $\frac{2}{8}$     $\frac{2}{3}$     $\frac{2}{5}$

c.  $\frac{3}{5}$     $\frac{3}{10}$     $\frac{3}{7}$

a.  $\frac{5}{8}$     $\frac{2}{8}$     $\frac{7}{8}$

b.  $\frac{6}{9}$     $\frac{4}{9}$     $\frac{1}{9}$

c.  $\frac{2}{10}$     $\frac{7}{10}$     $\frac{5}{10}$

Day 3 – Write two equivalent fractions for each given fraction

a.  $\frac{1}{2}$    \_\_\_\_\_ , \_\_\_\_\_

b.  $\frac{2}{3}$    \_\_\_\_\_ , \_\_\_\_\_

c.  $\frac{1}{4}$    \_\_\_\_\_ , \_\_\_\_\_

d.  $\frac{3}{4}$    \_\_\_\_\_ , \_\_\_\_\_

e.  $\frac{4}{5}$    \_\_\_\_\_ , \_\_\_\_\_

f.  $\frac{5}{5}$    \_\_\_\_\_ , \_\_\_\_\_

Day 4 – Write each fraction in its simplest form:

a.  $\frac{2}{6} =$

b.  $\frac{3}{12} =$

c.  $\frac{4}{10} =$

d.  $\frac{2}{10} =$

e.  $\frac{5}{15} =$

f.  $\frac{4}{12} =$

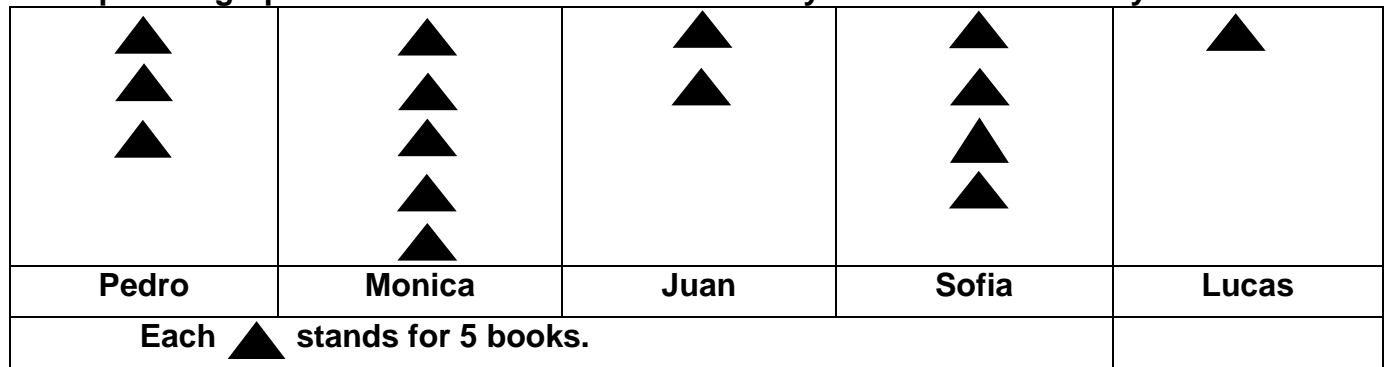
g.  $\frac{8}{12} =$

h.  $\frac{10}{12} =$

## WEEK VII. MATH

Day 1 - Graphs. Use the graph to complete the following exercise.

This picture graph shows the number books read by five children in one year.



Use the graph to answer the following questions:

- How many books did Monica read? \_\_\_\_\_
- How many books did Pedro read? \_\_\_\_\_
- Who read the most books? \_\_\_\_\_
- How many more books did Juan read than Sofia? \_\_\_\_\_
- Who read the fewest books? \_\_\_\_\_
- How many books were read between Sofia and Lucas? \_\_\_\_\_
- How many more books did Lucas read than Pedro? \_\_\_\_\_
- How many books were read between all five children? \_\_\_\_\_

Day 2 - Time --- Write in minutes

1 hour = \_\_\_\_\_ min

1 hour 30 min = \_\_\_\_\_ min

2 hours = \_\_\_\_\_ min

2 hours 10 minutes = \_\_\_\_\_ min

3 hours = \_\_\_\_\_ min

3 hours 15 minutes = \_\_\_\_\_ min

Day 3 - Write in months

1 year = \_\_\_\_\_ months

1 years 6 months = \_\_\_\_\_ months

2 years = \_\_\_\_\_ months

2 years 10 months = \_\_\_\_\_ months

3 years = \_\_\_\_\_ months

3 year 2 months = \_\_\_\_\_ months

Day 4 - Write in days

1 week = \_\_\_\_\_ days

2 weeks = \_\_\_\_\_ days

3 weeks = \_\_\_\_\_ days

4 weeks = \_\_\_\_\_ days

1 weeks 1 day = \_\_\_\_\_ day

2 week 3 days = \_\_\_\_\_ days

3 weeks 5 days = \_\_\_\_\_ days

4 weeks 2 day = \_\_\_\_\_ days

**WEEK VIII. MATH**

Day 1 – TIME. What time is it?



**Day 2 - Match the clock to its correct time**



10 minutes to 6



5 minutes past 7



half past 8



quarter to 7



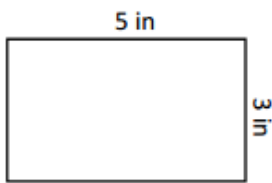
20 minutes past 10



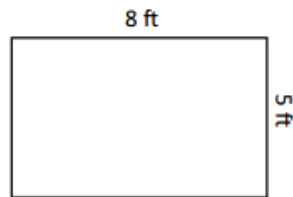
quarter past 3

**Day 3 - Area**

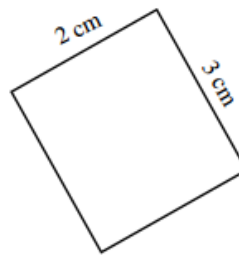
Find the area of the following figures:



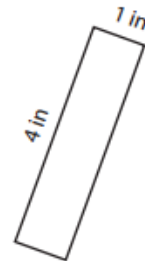
area = \_\_\_\_\_



area = \_\_\_\_\_



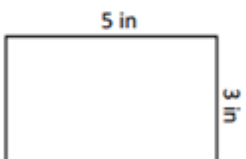
area = \_\_\_\_\_



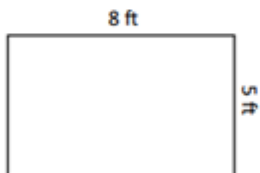
area = \_\_\_\_\_

**Day 4 - Perimeter**

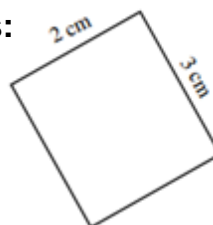
Find the perimeter of the following figures:



perimeter = \_\_\_\_\_



perimeter = \_\_\_\_\_



perimeter = \_\_\_\_\_



perimeter = \_\_\_\_\_

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