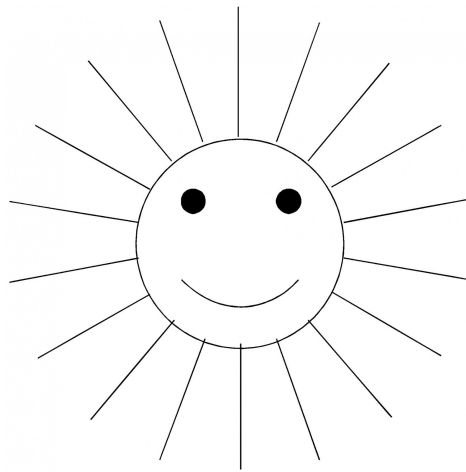


# Summer Math

(Entering 6P)



1. Please do **ALL** your work in the composition book given to you.
2. There are 10 problems each week for 10 weeks.
3. Please attempt all problems.
4. Your work must be included in the composition book in order to receive full credit.
5. Please bring this packet with you on the first day of school, Wednesday, September 5, 2018.
6. This packet counts as your first math grade!!

## Week 1

Use digits to write each number. (numbers 1-3)

1. one hundred eighty dollars and fifty cents

2. five million, three hundred twelve thousand

3. two hundred ten thousand, five hundred

4.  $351 + 157 + 68 + 5$

5.  $\$27.80 + \$8.28$

6.  $0.45 + 0.76$

7.  $\$10.00 - \$8.54$

8.  $\$2.78 \times 6$

9.  $905 \times 7$

10.  $709 \times 8$

Total time spent on week 1: \_\_\_\_\_

## Week 2

1.  $4873 + 498$

2.  $56.097 + 7134.75$

3.  $756.0043 + 4.982$

4.  $7953 - 5106$

5.  $679.75 - 124.98$

6.  $978.04 - 32.917$

7.  $20 \times 7 \times 5$

**Use order of operations (PEMDAS) to solve 8-10.**

8.  $24 \div (6 - 2)$

9.  $(24 \div 6) - 2$

10.  $36 \div (6 \div 3)$

Total time spent on Week 2: \_\_\_\_\_

### Week 3

Divide. Write the remainder as a fraction. (numbers 1-3)

1.  $\frac{17}{2}$

2.  $\frac{26}{3}$

3.  $\frac{70}{9}$

4.  $10 \times 36$

5.  $90 \times 37$

6.  $500 \times 36$

7.  $793 \times 60$

Write the place of the underlined digit. Then write its value.

8. 671,248,101 \_\_\_\_\_

9. 850,139,122,000 \_\_\_\_\_

10. 0.61 \_\_\_\_\_

Total time spent on Week 3: \_\_\_\_\_

## Week 4

Use the illustration of the clock to answer 1-4.

morning



1. What time is shown on the clock?
2. What time was it 2 hours ago?
3. What time will it be in 2 hours?
4. What time was it half an hour ago?
5. What time is 10 minutes before noon?
6. What time is a quarter after three in the afternoon?
7.  $\$7.42 \div 7$
8.  $\$6.06 \div 3$
9. One hundred forty students were divided equally into 5 classes. How many students were in each class? **Write an equation and find the answer!**
10. What percent is half of 25%

Total time spent on Week 4: \_\_\_\_\_

## Week 5

**Write each number in standard form. (numbers 1-3)**

1.  $(5 \times 1000) + (2 \times 100) + (8 \times 10)$
2.  $(6 \times 100) + (4 \times 10) + (2 \times 1)$
3.  $(1 \times 10,000) + (6 \times 1000) + (5 \times 1)$

**Write each number in expanded notation. (numbers 4-6)**

4. 65
5. 742
6. 25,362

7. Michael poured 32 ounces of juice equally into 4 cups. How many ounces of juice were in each cup? **Write an equation and find the answer.**

8. Angela has \$28.75. How much more money does she need to buy a skateboard that costs \$34.18? **Write an equation and find the answer.**

9.  $n - 3977 = 309$  What does  $n$  equal?

10.  $9013 - w = 3608$  What does  $w$  equal?

Total time spent on Week 5: \_\_\_\_\_

## Week 6

Find the average (mean) of each group of numbers. (numbers 1-3)

1. 22, 24, 26, 28

2. 97, 101, 111

3. 43, 62, 56, 63

4.  $28 \times 49$

5.  $92 \times 47$

6.  $74 \times \$0.16$

7. A person 5 feet 4 inches tall is how many inches tall?

8. Captain Hook heard the alarm go off at 6 a.m. and got up quickly. If he had fallen asleep at 11 p.m. the previous evening, how many hours of sleep did he get?

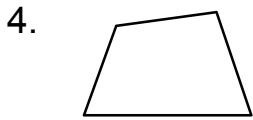
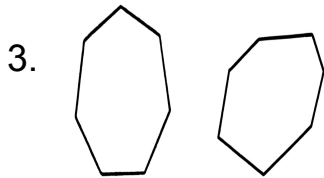
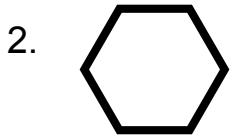
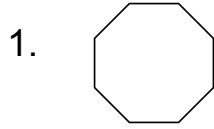
9. If the sides of regular hexagon are 3 cm long. What is the perimeter of the hexagon?

10. How many years is 10 centuries?

Total time spent on Week 6: \_\_\_\_\_

## Week 7

Name each shape. (numbers 1-4)



5. Draw an example of an acute angle.

6. Draw an example of an obtuse angle.

7. Draw an example of a right angle.

8. Use the digits 0, 2, and 5 to make a three-digit number that has both 2 and 5 as factors.

9.  $596 \times 600$

10.  $828 \times 333$

Total time spent on Week 7: \_\_\_\_\_



## Week 8

List the factors of each number. Then find the greatest common factor (GCF). (Numbers 1-3)

1. 12, 24
2. 36, 42
3. 48, 72

What is the least common multiple (LCM) for each set of numbers?

4. 6, 8
5. 3, 6, 9
6. 2, 5, 8
  
7.  $5 + 1\frac{2}{5}$
8.  $\frac{3}{7} + \frac{2}{7}$
9.  $6\frac{4}{8} + 1\frac{3}{8}$
10.  $\frac{8}{11} - \frac{3}{11}$

Total time spent on Week 8: \_\_\_\_\_

## Week 9

1. What is the product of nine hundred nineteen and ninety?
2. If 4 is the divisor and 12 is the quotient, then what is the dividend?
3. If the weather forecast states that the chance of rain is 40%, is it more likely to rain or not to rain?
4. What year was five centuries before 1500?
5.  $\frac{2}{8} = \frac{n}{4}$  What does  $n$  equal?
6.  $\frac{2}{3} = \frac{n}{9}$  What does  $n$  equal?
7.  $\frac{5}{6} = \frac{25}{n}$  What does  $n$  equal?
8. Draw a quadrilateral with two pairs of parallel sides.
9. Draw a quadrilateral that has only one pair of parallel sides.
10. Draw a polygon shaped like the block letter F. What type of polygon did you draw?

Total time spent on Week 9: \_\_\_\_\_

## Week 10

1.  $346 \times 354$

2. Carlos bought a hamburger for \$1.65 and a drink for \$0.90. He paid for the food with a \$5 bill. How much should he get back in change?

3. If a dollar's worth of dimes is divided into five equal groups, how many dimes would be in each group?

4. It is 8 blocks from Jada's house to school. How many blocks does she ride her bike traveling to and from school for 5 days.

5.  $\frac{4228}{7}$

6. How much money is  $\frac{1}{2}$  of \$5.80?

7. The cost of 14 identical sets of dishes is \$1203.30. Find the cost on one set.

8. Amy took 188 pictures on vacation. If each section of her photo album holds 24 pictures, how many sections will she fill?

9.  $(42 - 6) + 5 - 3 + (8 \times 3)$

10.  $25 - 6 \times 4 + (23 - 3) - 4$

Total time spent on Week 10: \_\_\_\_\_



