

Summer Math – Incoming 5th Grade

Complete each of the sections to the best of your ability. Show your work.
Worth 2 test grades – Due 1st day of school

Place Value

i.e. 315,406

Word form: three hundred fifteen thousand, four hundred six

Standard form: 315,406

Expanded form: $300,000 + 10,000 + 5,000 + 400 + 6$

thousands			ones		
hundred thousands	ten thousands	thousands	hundreds	tens	ones
3	1	5	4	0	6

*Write each number in standard form and expanded form.

1. four thousand, twenty-two
2. one thousand, five
3. sixty-three thousand, five hundred seven
4. nine hundred five thousand
5. ninety-two thousand

*Write the value of each underlined digit.

1. 705,326
2. 800,367
3. 64,721
4. 19,486
5. 4,568

Adding and Subtracting Whole Numbers – Find the sum or difference

1.)
$$\begin{array}{r} 53 \\ -29 \\ \hline \end{array}$$

2.)
$$\begin{array}{r} 591 \\ +318 \\ \hline \end{array}$$

3.)
$$\begin{array}{r} 874 \\ -382 \\ \hline \end{array}$$

4.)
$$\begin{array}{r} 47 \\ +33 \\ \hline \end{array}$$

5.)
$$\begin{array}{r} 763 \\ -214 \\ \hline \end{array}$$

6.)
$$\begin{array}{r} 6,354 \\ +1,243 \\ \hline \end{array}$$

7.)
$$\begin{array}{r} 24,316 \\ -13,452 \\ \hline \end{array}$$

8.)
$$\begin{array}{r} 1,245 \\ 3,162 \\ 4,391 \\ + 2,146 \\ \hline \end{array}$$

9.)
$$\begin{array}{r} 725 \\ 1,548 \\ + 1,492 \\ \hline \end{array}$$

10.)
$$\begin{array}{r} 17,106 \\ + 3,352 \\ \hline \end{array}$$

Multiplication and Division Facts

*Find the Quotient

1. $4 \overline{) 16}$

2. $14 \div 2 =$

3. $4 \overline{) 32}$

4. $28 \div 4$

5. $18 \div 3$

*Multiply

1. 9×7

2. 7×3

3. 9×9

4. 6×10

5. 10×8

Problem Solving

Answer each of the problems

1. Rosa wrote 17 postcards, Tara wrote twice as many. How many postcards did Tara write?
2. Kari is buying sheets of stamps. If she buys 8 sheets of 36 stamps and 4 sheets of 16 stamps, how many stamps did she have altogether?
3. Cara spends 15 minutes more each week than the week before on her newspaper project. If she works 45 minutes the first week, how long will she work the fourth week?
4. Tia bought a CD for \$13.99 and a pair of shoes for \$21.99. How much money did Tia spend?

Two Digit Multiplication

Find the product

$$\begin{array}{r} 1. \ 24 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 621 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 596 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 199 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \ 240 \\ \times 35 \\ \hline \end{array}$$

Dividing by one-digit Divisors – find the quotient

1. $21 \div 7$

2. $350 \div 7$

3. $6,400 \div 8$

4. $73 \div 8$

5. $94 \div 3$

Adding and Subtracting Fractions

1. $\frac{1}{3} + \frac{2}{3}$

2. $\frac{7}{8} - \frac{3}{8}$

3. $\frac{5}{6} - \frac{3}{6}$

4. $\frac{5}{10} + \frac{5}{10}$

5. $\frac{1}{2} + \frac{3}{2}$

$$\begin{array}{r} 6. \ 3 \frac{2}{10} \\ + 2 \frac{5}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \ \frac{11}{12} \\ - \frac{4}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \ \frac{7}{6} \\ - \frac{2}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \ 18 \frac{2}{3} \\ - 15 \frac{1}{3} \\ \hline \end{array}$$

Decimals

*Find each Sum

$$\begin{array}{r} 1. \ 204.6 \\ 119.83 \\ + 44.5 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 151 \\ 38.95 \\ + 26.1 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 112.85 \\ 329.7 \\ + 46.11 \\ \hline \end{array}$$

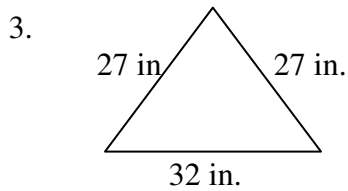
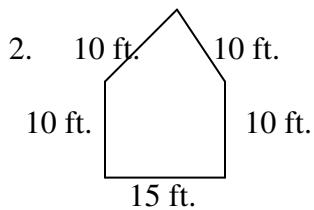
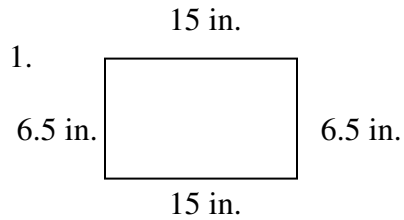
* Find the Difference

$$\begin{array}{r} 1. \ 29.53 \\ - 13.85 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 47.19 \\ - 31.48 \\ \hline \end{array}$$

$$3. \ 60 - 28.15$$

Perimeter



Two Digit Divisors

1. $936 \div 72$

2. $519 \div 12$

3. $36 \overline{)420}$

4. $24 \overline{)403}$