

Name _____



Learning *Packet*



Name _____

June 2019

Dear Parents,

I am excited to have your child in my classroom in the fall! I am providing a summer learning packet to keep your child sharp in reading, writing, and math during the summer. Students who complete the summer learning challenge will celebrate with a sweet treat when they return to school!

Reading

To complete the reading challenge, students will read a total of 8 books over the summer and fill out the reading list and ancient history book summary on the forms provided. **Books chosen should be at least 100 pages and at the student's reading level. They should reflect the Christian values of the school. They should be chapter books and NOT graphic novels or comic book-style books.**

Writing

To complete the writing challenge, students will keep a journal over the summer. Students should write one page in a **standard composition book** at least twice a week for a total of 8 weeks. Make sure to write the date at the top of each page. Journal entries should be written each week, not in one sitting at the end of the summer. Students may choose their own topics.

Math

Avoid the "summer slide" by reviewing important math concepts this summer! You can review basic math facts with your child using flash cards or math fact websites like aaamath.com or multiplication.com. To complete the math challenge, students have two options:

1. They may complete the worksheets enclosed in this packet. Worksheets and answers are included on the PTA website under Ms. Moore's picture.
2. They may purchase and complete their own grade appropriate math practice workbook to hand in to Ms. Moore.

I hope these challenges will provide an incentive for your child to continue to grow and learn this summer! Have a safe, relaxing summer!

Ms. Moore

mmoore@pinetreeacademy.org

Name _____

Summer Learning Challenge Checklist

Please check off the requirements as they are completed. Turn this in to Ms. Moore by Wednesday, August 28, 2019.

I have...

- read at least 8 books in the assigned genres
- filled out the reading list
- filled out the American history book summary
- written in a standard composition book at least 2 one-page journal entries each week for 8 weeks (remember to write the date on each entry)
- completed the enclosed math sheets or purchased and completed my own grade appropriate math practice book (please bring hand in to Ms. Moore).



Name _____

Summer Learning Challenge



*To earn your reward
completed work must be
turned in by
Wednesday, August 28, 2019*

We hope you decide to participate in the SUMMER LEARNING CHALLENGE. To be eligible for the prize, your packets must be turned in to your teacher no later than Wednesday morning, August 28. If you complete the summer learning challenge, then you will be eligible for a special prize.

Summer Learning Challenge Reward

A special treat with Principal Krueger!



Name _____

Reading Challenge

Dear Students,

Pick 8 books to read this summer that fit into the following five categories. Find a nice spot to relax with your book--under a tree, on the beach, by the pool, in a hammock, inside a tent! Tell me about it when you come back to school in the fall. Books should be 100+ pages and at your reading level. Choose books that reflect the values of the school.

No graphic novels or comic books!

Reading List

Title	Author	Date Finished	# of pages	Star Rating and Why	Genre
					Biography/ Autobiography
					Fiction
					Fiction
					American History
					Historical Fiction
					Chapter Book Choice
					Chapter Book Choice
					Chapter Book Choice

Name : _____

Score : _____

Teacher : _____

Date : _____

Write the Numbers in Standard Form.

1) _____ $10 + 5 + 0.5 + 0.07 + 0.004$

2) _____ $70 + 5 + 0.1 + 0.07 + 0.001$

3) _____ $90 + 6 + 0.8 + 0.03 + 0.009$

4) _____ $10 + 6 + 0.6 + 0.08 + 0.004$

5) _____ $80 + 2 + 0.9 + 0.05 + 0.009$

6) _____ $60 + 7 + 0.5 + 0.02 + 0.007$

7) _____ $80 + 2 + 0.7 + 0.08 + 0.002$

8) _____ $20 + 9 + 0.4 + 0.05 + 0.009$

9) _____ $20 + 4 + 0.1 + 0.05 + 0.003$

10) _____ $60 + 6 + 0.7 + 0.05 + 0.006$

11) _____ $60 + 5 + 0.2 + 0.05 + 0.006$

12) _____ $40 + 4 + 0.4 + 0.07 + 0.003$

13) _____ $30 + 2 + 0.6 + 0.08 + 0.004$

14) _____ $60 + 3 + 0.2 + 0.09 + 0.006$

15) _____ $70 + 6 + 0.8 + 0.01 + 0.008$



Name : _____

Score : _____

Teacher : _____

Date : _____

Write the Numbers in Standard Form.

1) 15.574 $10 + 5 + 0.5 + 0.07 + 0.004$

2) 75.171 $70 + 5 + 0.1 + 0.07 + 0.001$

3) 96.839 $90 + 6 + 0.8 + 0.03 + 0.009$

4) 16.684 $10 + 6 + 0.6 + 0.08 + 0.004$

5) 82.959 $80 + 2 + 0.9 + 0.05 + 0.009$

6) 67.527 $60 + 7 + 0.5 + 0.02 + 0.007$

7) 82.782 $80 + 2 + 0.7 + 0.08 + 0.002$

8) 29.459 $20 + 9 + 0.4 + 0.05 + 0.009$

9) 24.153 $20 + 4 + 0.1 + 0.05 + 0.003$

10) 66.756 $60 + 6 + 0.7 + 0.05 + 0.006$

11) 65.256 $60 + 5 + 0.2 + 0.05 + 0.006$

12) 44.473 $40 + 4 + 0.4 + 0.07 + 0.003$

13) 32.684 $30 + 2 + 0.6 + 0.08 + 0.004$

14) 63.296 $60 + 3 + 0.2 + 0.09 + 0.006$

15) 76.818 $70 + 6 + 0.8 + 0.01 + 0.008$



Name : _____

Score : _____

Teacher : _____

Date : _____

Write the Place and Value of Each Number.

- | | | | |
|------|---------------------------|--|------------------------------------|
| 1) | 1,463.826
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Hundredths</u>
<u>0.02</u> |
| 2) | 6,487.983
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Ones</u>
<u>7</u> |
| 3) | 8,119.466
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Thousands</u>
<u>8,000</u> |
| 4) | 1,832.181
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Thousandths</u>
<u>0.001</u> |
| 5) | 9,263.948
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Tenths</u>
<u>0.9</u> |
| 6) | 6,766.486
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Hundreds</u>
<u>700</u> |
| 7) | 4,656.967
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Tenths</u>
<u>0.9</u> |
| 8) | 5,233.451
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Thousandths</u>
<u>0.001</u> |
| 9) | 1,148.773
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Hundredths</u>
<u>0.07</u> |
| 10) | 1,583.268
[^] | What place is the selected digit in?
What is the value of the selected digit? | <u>Tens</u>
<u>80</u> |



Dividing by Positive Powers of Ten (A)

Two-Digit Facts

$86 \div 1 =$

$86 \div 10 =$

$86 \div 100 =$

$86 \div 1,000 =$

$86 \div 10,000 =$

$51 \div 1 =$

$51 \div 10 =$

$51 \div 100 =$

$51 \div 1,000 =$

$51 \div 10,000 =$

$28 \div 1 =$

$28 \div 10 =$

$28 \div 100 =$

$28 \div 1,000 =$

$28 \div 10,000 =$

$98 \div 1 =$

$98 \div 10 =$

$98 \div 100 =$

$98 \div 1,000 =$

$98 \div 10,000 =$

$29 \div 1 =$

$29 \div 10 =$

$29 \div 100 =$

$29 \div 1,000 =$

$29 \div 10,000 =$

$29 \div 1 =$

$29 \div 10 =$

$29 \div 100 =$

$29 \div 1,000 =$

$29 \div 10,000 =$

$66 \div 1 =$

$66 \div 10 =$

$66 \div 100 =$

$66 \div 1,000 =$

$66 \div 10,000 =$

$31 \div 1 =$

$31 \div 10 =$

$31 \div 100 =$

$31 \div 1,000 =$

$31 \div 10,000 =$

$88 \div 1 =$

$88 \div 10 =$

$88 \div 100 =$

$88 \div 1,000 =$

$88 \div 10,000 =$

$403 \div 1 =$

$403 \div 10 =$

$403 \div 100 =$

$403 \div 1,000 =$

$403 \div 10,000 =$

Challenge

Dividing by Positive Powers of Ten (A) Answers

Two-Digit Facts

$86 \div 1 = 86$	$51 \div 1 = 51$
$86 \div 10 = 8.6$	$51 \div 10 = 5.1$
$86 \div 100 = 0.86$	$51 \div 100 = 0.51$
$86 \div 1,000 = 0.086$	$51 \div 1,000 = 0.051$
$86 \div 10,000 = 0.0086$	$51 \div 10,000 = 0.0051$

$28 \div 1 = 28$	$98 \div 1 = 98$
$28 \div 10 = 2.8$	$98 \div 10 = 9.8$
$28 \div 100 = 0.28$	$98 \div 100 = 0.98$
$28 \div 1,000 = 0.028$	$98 \div 1,000 = 0.098$
$28 \div 10,000 = 0.0028$	$98 \div 10,000 = 0.0098$

$29 \div 1 = 29$	$29 \div 1 = 29$
$29 \div 10 = 2.9$	$29 \div 10 = 2.9$
$29 \div 100 = 0.29$	$29 \div 100 = 0.29$
$29 \div 1,000 = 0.029$	$29 \div 1,000 = 0.029$
$29 \div 10,000 = 0.0029$	$29 \div 10,000 = 0.0029$

$66 \div 1 = 66$	$31 \div 1 = 31$
$66 \div 10 = 6.6$	$31 \div 10 = 3.1$
$66 \div 100 = 0.66$	$31 \div 100 = 0.31$
$66 \div 1,000 = 0.066$	$31 \div 1,000 = 0.031$
$66 \div 10,000 = 0.0066$	$31 \div 10,000 = 0.0031$

$88 \div 1 = 88$	$403 \div 1 = 403$
$88 \div 10 = 8.8$	$403 \div 10 = 40.3$
$88 \div 100 = 0.88$	$403 \div 100 = 4.03$
$88 \div 1,000 = 0.088$	$403 \div 1,000 = 0.403$
$88 \div 10,000 = 0.0088$	$403 \div 10,000 = 0.0403$

Challenge

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 1,613 \\ + 3,736 \\ \hline \end{array}$$

$$\begin{array}{r} 1,762 \\ + 3,178 \\ \hline \end{array}$$

$$\begin{array}{r} 4,800 \\ + 4,546 \\ \hline \end{array}$$

$$\begin{array}{r} 1,224 \\ + 8,963 \\ \hline \end{array}$$

$$\begin{array}{r} 6,176 \\ + 7,712 \\ \hline \end{array}$$

$$\begin{array}{r} 9,993 \\ + 2,420 \\ \hline \end{array}$$

$$\begin{array}{r} 8,519 \\ - 4,387 \\ \hline \end{array}$$

$$\begin{array}{r} 5,681 \\ - 4,185 \\ \hline \end{array}$$

$$\begin{array}{r} 7,681 \\ - 6,191 \\ \hline \end{array}$$

$$\begin{array}{r} 5,226 \\ - 3,038 \\ \hline \end{array}$$

$$\begin{array}{r} 4,650 \\ - 4,097 \\ \hline \end{array}$$

$$\begin{array}{r} 9,786 \\ - 6,420 \\ \hline \end{array}$$

$$\begin{array}{r} 7,918 \\ \times 92 \\ \hline \end{array}$$

$$\begin{array}{r} 5,654 \\ \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} 2,791 \\ \times 95 \\ \hline \end{array}$$

$$\begin{array}{r} 5,372 \\ \times 76 \\ \hline \end{array}$$

$$\begin{array}{r} 5,014 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 5,336 \\ \times 90 \\ \hline \end{array}$$

$$14 \overline{)88}$$

$$13 \overline{)67}$$

$$31 \overline{)71}$$

$$12 \overline{)88}$$

$$15 \overline{)102}$$

$$30 \overline{)62}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 1,613 \\ + 3,736 \\ \hline 5,349 \end{array}$$

$$\begin{array}{r} 1,762 \\ + 3,178 \\ \hline 4,940 \end{array}$$

$$\begin{array}{r} 4,800 \\ + 4,546 \\ \hline 9,346 \end{array}$$

$$\begin{array}{r} 1,224 \\ + 8,963 \\ \hline 10,187 \end{array}$$

$$\begin{array}{r} 6,176 \\ + 7,712 \\ \hline 13,888 \end{array}$$

$$\begin{array}{r} 9,993 \\ + 2,420 \\ \hline 12,413 \end{array}$$

$$\begin{array}{r} 8,519 \\ - 4,387 \\ \hline 4,132 \end{array}$$

$$\begin{array}{r} 5,681 \\ - 4,185 \\ \hline 1,496 \end{array}$$

$$\begin{array}{r} 7,681 \\ - 6,191 \\ \hline 1,490 \end{array}$$

$$\begin{array}{r} 5,226 \\ - 3,038 \\ \hline 2,188 \end{array}$$

$$\begin{array}{r} 4,650 \\ - 4,097 \\ \hline 553 \end{array}$$

$$\begin{array}{r} 9,786 \\ - 6,420 \\ \hline 3,366 \end{array}$$

$$\begin{array}{r} 7,918 \\ \times 92 \\ \hline 728,456 \end{array}$$

$$\begin{array}{r} 5,654 \\ \times 48 \\ \hline 271,392 \end{array}$$

$$\begin{array}{r} 2,791 \\ \times 95 \\ \hline 265,145 \end{array}$$

$$\begin{array}{r} 5,372 \\ \times 76 \\ \hline 408,272 \end{array}$$

$$\begin{array}{r} 5,014 \\ \times 72 \\ \hline 361,008 \end{array}$$

$$\begin{array}{r} 5,336 \\ \times 90 \\ \hline 480,240 \end{array}$$

$$\begin{array}{r} 6r4 \\ 14 \overline{)88} \end{array}$$

$$\begin{array}{r} 5r2 \\ 13 \overline{)67} \end{array}$$

$$\begin{array}{r} 2r9 \\ 31 \overline{)71} \end{array}$$

$$\begin{array}{r} 7r4 \\ 12 \overline{)88} \end{array}$$

$$\begin{array}{r} 6r12 \\ 15 \overline{)102} \end{array}$$

$$\begin{array}{r} 2r2 \\ 30 \overline{)62} \end{array}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 75.663 \\ - 18.272 \\ \hline \end{array}$$

$$\begin{array}{r} 83.869 \\ - 14.949 \\ \hline \end{array}$$

$$\begin{array}{r} 62.923 \\ + 47.184 \\ \hline \end{array}$$

$$\begin{array}{r} 89.715 \\ - 21.677 \\ \hline \end{array}$$

$$\begin{array}{r} 94.398 \\ - 30.944 \\ \hline \end{array}$$

$$\begin{array}{r} 95.214 \\ + 43.142 \\ \hline \end{array}$$

$$\begin{array}{r} 82.459 \\ - 35.627 \\ \hline \end{array}$$

$$\begin{array}{r} 53.326 \\ - 23.215 \\ \hline \end{array}$$

$$\begin{array}{r} 95.922 \\ - 48.591 \\ \hline \end{array}$$

$$\begin{array}{r} 78.938 \\ + 67.827 \\ \hline \end{array}$$

$$\begin{array}{r} 92.878 \\ + 95.121 \\ \hline \end{array}$$

$$\begin{array}{r} 49.967 \\ + 98.725 \\ \hline \end{array}$$

$$\begin{array}{r} 49.152 \\ + 60.495 \\ \hline \end{array}$$

$$\begin{array}{r} 54.785 \\ + 38.579 \\ \hline \end{array}$$

$$\begin{array}{r} 71.489 \\ - 63.862 \\ \hline \end{array}$$

$$\begin{array}{r} 74.487 \\ - 60.629 \\ \hline \end{array}$$

$$\begin{array}{r} 15.648 \\ + 62.966 \\ \hline \end{array}$$

$$\begin{array}{r} 41.375 \\ + 51.882 \\ \hline \end{array}$$

$$\begin{array}{r} 12.859 \\ + 88.764 \\ \hline \end{array}$$

$$\begin{array}{r} 79.459 \\ - 49.773 \\ \hline \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 75.663 \\ - 18.272 \\ \hline 57.391 \end{array}$$

$$\begin{array}{r} 83.869 \\ - 14.949 \\ \hline 68.920 \end{array}$$

$$\begin{array}{r} 62.923 \\ + 47.184 \\ \hline 110.107 \end{array}$$

$$\begin{array}{r} 89.715 \\ - 21.677 \\ \hline 68.038 \end{array}$$

$$\begin{array}{r} 94.398 \\ - 30.944 \\ \hline 63.454 \end{array}$$

$$\begin{array}{r} 95.214 \\ + 43.142 \\ \hline 138.356 \end{array}$$

$$\begin{array}{r} 82.459 \\ - 35.627 \\ \hline 46.832 \end{array}$$

$$\begin{array}{r} 53.326 \\ - 23.215 \\ \hline 30.111 \end{array}$$

$$\begin{array}{r} 95.922 \\ - 48.591 \\ \hline 47.331 \end{array}$$

$$\begin{array}{r} 78.938 \\ + 67.827 \\ \hline 146.765 \end{array}$$

$$\begin{array}{r} 92.878 \\ + 95.121 \\ \hline 187.999 \end{array}$$

$$\begin{array}{r} 49.967 \\ + 98.725 \\ \hline 148.692 \end{array}$$

$$\begin{array}{r} 49.152 \\ + 60.495 \\ \hline 109.647 \end{array}$$

$$\begin{array}{r} 54.785 \\ + 38.579 \\ \hline 93.364 \end{array}$$

$$\begin{array}{r} 71.489 \\ - 63.862 \\ \hline 7.627 \end{array}$$

$$\begin{array}{r} 74.487 \\ - 60.629 \\ \hline 13.858 \end{array}$$

$$\begin{array}{r} 15.648 \\ + 62.966 \\ \hline 78.614 \end{array}$$

$$\begin{array}{r} 41.375 \\ + 51.882 \\ \hline 93.257 \end{array}$$

$$\begin{array}{r} 12.859 \\ + 88.764 \\ \hline 101.623 \end{array}$$

$$\begin{array}{r} 79.459 \\ - 49.773 \\ \hline 29.686 \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 0.59 \\ \times 0.75 \\ \hline \end{array}$$

$$\begin{array}{r} 0.56 \\ \times 0.68 \\ \hline \end{array}$$

$$\begin{array}{r} 0.72 \\ \times 0.68 \\ \hline \end{array}$$

$$\begin{array}{r} 0.69 \\ \times 0.88 \\ \hline \end{array}$$

$$\begin{array}{r} 0.49 \\ \times 0.45 \\ \hline \end{array}$$

$$\begin{array}{r} 0.21 \\ \times 0.39 \\ \hline \end{array}$$

$$\begin{array}{r} 0.21 \\ \times 0.95 \\ \hline \end{array}$$

$$\begin{array}{r} 0.86 \\ \times 0.23 \\ \hline \end{array}$$

$$\begin{array}{r} 0.71 \\ \times 0.96 \\ \hline \end{array}$$

$$\begin{array}{r} 0.45 \\ \times 0.31 \\ \hline \end{array}$$

$$\begin{array}{r} 0.84 \\ \times 0.56 \\ \hline \end{array}$$

$$\begin{array}{r} 0.92 \\ \times 0.42 \\ \hline \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 0.59 \\ \times 0.75 \\ \hline 0.4425 \end{array}$$

$$\begin{array}{r} 0.56 \\ \times 0.68 \\ \hline 0.3808 \end{array}$$

$$\begin{array}{r} 0.72 \\ \times 0.68 \\ \hline 0.4896 \end{array}$$

$$\begin{array}{r} 0.69 \\ \times 0.88 \\ \hline 0.6072 \end{array}$$

$$\begin{array}{r} 0.49 \\ \times 0.45 \\ \hline 0.2205 \end{array}$$

$$\begin{array}{r} 0.21 \\ \times 0.39 \\ \hline 0.0819 \end{array}$$

$$\begin{array}{r} 0.21 \\ \times 0.95 \\ \hline 0.1995 \end{array}$$

$$\begin{array}{r} 0.86 \\ \times 0.23 \\ \hline 0.1978 \end{array}$$

$$\begin{array}{r} 0.71 \\ \times 0.96 \\ \hline 0.6816 \end{array}$$

$$\begin{array}{r} 0.45 \\ \times 0.31 \\ \hline 0.1395 \end{array}$$

$$\begin{array}{r} 0.84 \\ \times 0.56 \\ \hline 0.4704 \end{array}$$

$$\begin{array}{r} 0.92 \\ \times 0.42 \\ \hline 0.3864 \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Mixed Numbers

1) $4\frac{1}{2} + 5\frac{1}{5} =$

2) $4\frac{3}{5} + 5\frac{1}{3} =$

3) $4\frac{2}{4} + 8\frac{1}{2} =$

4) $1\frac{1}{4} + 7\frac{1}{5} =$

5) $3\frac{4}{10} + 4\frac{1}{4} =$

6) $5\frac{1}{4} + 9\frac{2}{3} =$

7) $5\frac{1}{2} + 6\frac{1}{4} =$

8) $6\frac{3}{4} + 9\frac{1}{2} =$

9) $6\frac{8}{10} + 5\frac{2}{4} =$

10) $1\frac{2}{4} + 4\frac{8}{10} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Mixed Numbers

$$1) \quad 4\frac{1}{2} + 5\frac{1}{5} = 4\frac{5}{10} + 5\frac{2}{10} = 9\frac{7}{10}$$

$$2) \quad 4\frac{3}{5} + 5\frac{1}{3} = 4\frac{9}{15} + 5\frac{5}{15} = 9\frac{14}{15}$$

$$3) \quad 4\frac{2}{4} + 8\frac{1}{2} = 4\frac{2}{4} + 8\frac{2}{4} = 12\frac{4}{4} = 13$$

$$4) \quad 1\frac{1}{4} + 7\frac{1}{5} = 1\frac{5}{20} + 7\frac{4}{20} = 8\frac{9}{20}$$

$$5) \quad 3\frac{4}{10} + 4\frac{1}{4} = 3\frac{8}{20} + 4\frac{5}{20} = 7\frac{13}{20}$$

$$6) \quad 5\frac{1}{4} + 9\frac{2}{3} = 5\frac{3}{12} + 9\frac{8}{12} = 14\frac{11}{12}$$

$$7) \quad 5\frac{1}{2} + 6\frac{1}{4} = 5\frac{2}{4} + 6\frac{1}{4} = 11\frac{3}{4}$$

$$8) \quad 6\frac{3}{4} + 9\frac{1}{2} = 6\frac{3}{4} + 9\frac{2}{4} = 15\frac{5}{4} = 16\frac{1}{4}$$

$$9) \quad 6\frac{8}{10} + 5\frac{2}{4} = 6\frac{16}{20} + 5\frac{10}{20} = 11\frac{26}{20} = 12\frac{3}{10}$$

$$10) \quad 1\frac{2}{4} + 4\frac{8}{10} = 1\frac{10}{20} + 4\frac{16}{20} = 5\frac{26}{20} = 6\frac{3}{10}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Subtracting Fractions

1) $\frac{10}{11} - \frac{4}{22} =$

2) $\frac{11}{12} - \frac{2}{4} =$

3) $\frac{4}{21} - \frac{1}{7} =$

4) $\frac{12}{20} - \frac{2}{5} =$

5) $\frac{12}{21} - \frac{3}{7} =$

6) $\frac{10}{27} - \frac{1}{9} =$

7) $\frac{1}{3} - \frac{3}{9} =$

8) $\frac{2}{4} - \frac{1}{3} =$

9) $\frac{4}{20} - \frac{1}{5} =$

10) $\frac{8}{13} - \frac{12}{26} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Subtracting Fractions

$$1) \quad \frac{10}{11} - \frac{4}{22} = \quad \frac{20}{22} - \frac{4}{22} = \quad \frac{16}{22} = \quad \frac{8}{11}$$

$$2) \quad \frac{11}{12} - \frac{2}{4} = \quad \frac{11}{12} - \frac{6}{12} = \quad \frac{5}{12}$$

$$3) \quad \frac{4}{21} - \frac{1}{7} = \quad \frac{4}{21} - \frac{3}{21} = \quad \frac{1}{21}$$

$$4) \quad \frac{12}{20} - \frac{2}{5} = \quad \frac{12}{20} - \frac{8}{20} = \quad \frac{4}{20} = \quad \frac{1}{5}$$

$$5) \quad \frac{12}{21} - \frac{3}{7} = \quad \frac{12}{21} - \frac{9}{21} = \quad \frac{3}{21} = \quad \frac{1}{7}$$

$$6) \quad \frac{10}{27} - \frac{1}{9} = \quad \frac{10}{27} - \frac{3}{27} = \quad \frac{7}{27}$$

$$7) \quad \frac{1}{3} - \frac{3}{9} = \quad \frac{3}{9} - \frac{3}{9} = \quad 0$$

$$8) \quad \frac{2}{4} - \frac{1}{3} = \quad \frac{6}{12} - \frac{4}{12} = \quad \frac{2}{12} = \quad \frac{1}{6}$$

$$9) \quad \frac{4}{20} - \frac{1}{5} = \quad \frac{4}{20} - \frac{4}{20} = \quad 0$$

$$10) \quad \frac{8}{13} - \frac{12}{26} = \quad \frac{16}{26} - \frac{12}{26} = \quad \frac{4}{26} = \quad \frac{2}{13}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Fractions

1) $\frac{2}{10} \times \frac{8}{12} =$

2) $\frac{6}{12} \times \frac{7}{16} =$

3) $\frac{3}{6} \times \frac{4}{5} =$

4) $\frac{1}{2} \times \frac{1}{9} =$

5) $\frac{12}{15} \times \frac{2}{12} =$

6) $\frac{4}{10} \times \frac{6}{14} =$

7) $\frac{2}{6} \times \frac{1}{2} =$

8) $\frac{1}{3} \times \frac{2}{8} =$

9) $\frac{5}{9} \times \frac{5}{7} =$

10) $\frac{2}{14} \times \frac{4}{12} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Fractions

$$1) \quad \frac{2}{10} \times \frac{8}{12} = \frac{2 \times 8}{10 \times 12} = \frac{16}{120} = \frac{2}{15}$$

$$2) \quad \frac{6}{12} \times \frac{7}{16} = \frac{6 \times 7}{12 \times 16} = \frac{42}{192} = \frac{7}{32}$$

$$3) \quad \frac{3}{6} \times \frac{4}{5} = \frac{3 \times 4}{6 \times 5} = \frac{12}{30} = \frac{2}{5}$$

$$4) \quad \frac{1}{2} \times \frac{1}{9} = \frac{1 \times 1}{2 \times 9} = \frac{1}{18}$$

$$5) \quad \frac{12}{15} \times \frac{2}{12} = \frac{12 \times 2}{15 \times 12} = \frac{24}{180} = \frac{2}{15}$$

$$6) \quad \frac{4}{10} \times \frac{6}{14} = \frac{4 \times 6}{10 \times 14} = \frac{24}{140} = \frac{6}{35}$$

$$7) \quad \frac{2}{6} \times \frac{1}{2} = \frac{2 \times 1}{6 \times 2} = \frac{2}{12} = \frac{1}{6}$$

$$8) \quad \frac{1}{3} \times \frac{2}{8} = \frac{1 \times 2}{3 \times 8} = \frac{2}{24} = \frac{1}{12}$$

$$9) \quad \frac{5}{9} \times \frac{5}{7} = \frac{5 \times 5}{9 \times 7} = \frac{25}{63}$$

$$10) \quad \frac{2}{14} \times \frac{4}{12} = \frac{2 \times 4}{14 \times 12} = \frac{8}{168} = \frac{1}{21}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Dividing Fractions

1) $\frac{7}{10} \div \frac{1}{3} =$

2) $\frac{1}{5} \div \frac{1}{2} =$

3) $\frac{1}{2} \div \frac{1}{3} =$

4) $\frac{6}{10} \div \frac{1}{2} =$

5) $\frac{2}{3} \div \frac{5}{10} =$

6) $\frac{2}{4} \div \frac{2}{5} =$

7) $\frac{1}{4} \div \frac{5}{10} =$

8) $\frac{1}{2} \div \frac{2}{4} =$

9) $\frac{2}{4} \div \frac{1}{2} =$

10) $\frac{2}{3} \div \frac{3}{5} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Dividing Fractions

$$1) \quad \frac{7}{10} \div \frac{1}{3} = \frac{7 \times 3}{10 \times 1} = \frac{21}{10} = 2\frac{1}{10}$$

$$2) \quad \frac{1}{5} \div \frac{1}{2} = \frac{1 \times 2}{5 \times 1} = \frac{2}{5}$$

$$3) \quad \frac{1}{2} \div \frac{1}{3} = \frac{1 \times 3}{2 \times 1} = \frac{3}{2} = 1\frac{1}{2}$$

$$4) \quad \frac{6}{10} \div \frac{1}{2} = \frac{6 \times 2}{10 \times 1} = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$$

$$5) \quad \frac{2}{3} \div \frac{5}{10} = \frac{2 \times 10}{3 \times 5} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$6) \quad \frac{2}{4} \div \frac{2}{5} = \frac{2 \times 5}{4 \times 2} = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$$

$$7) \quad \frac{1}{4} \div \frac{5}{10} = \frac{1 \times 10}{4 \times 5} = \frac{10}{20} = \frac{1}{2}$$

$$8) \quad \frac{1}{2} \div \frac{2}{4} = \frac{1 \times 4}{2 \times 2} = \frac{4}{4} = 1$$

$$9) \quad \frac{2}{4} \div \frac{1}{2} = \frac{2 \times 2}{4 \times 1} = \frac{4}{4} = 1$$

$$10) \quad \frac{2}{3} \div \frac{3}{5} = \frac{2 \times 5}{3 \times 3} = \frac{10}{9} = 1\frac{1}{9}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Using Prime Factorization to find the LCM and GCF

LCM

GCF

1) 20, 5

2) 27, 3

3) 6, 8

4) 30, 2

5) 8, 30

6) 35, 30

7) 30, 20

8) 38, 8

9) 35, 10

10) 16, 38

Name : _____

Score : _____

Teacher : _____

Date : _____

Using Prime Factorization to find the LCM and GCF

		LCM	GCF
1)	20, 5	<u>20</u>	<u>5</u>
2)	27, 3	<u>27</u>	<u>3</u>
3)	6, 8	<u>24</u>	<u>2</u>
4)	30, 2	<u>30</u>	<u>2</u>
5)	8, 30	<u>120</u>	<u>2</u>
6)	35, 30	<u>210</u>	<u>5</u>
7)	30, 20	<u>60</u>	<u>10</u>
8)	38, 8	<u>152</u>	<u>2</u>
9)	35, 10	<u>70</u>	<u>5</u>
10)	16, 38	<u>304</u>	<u>2</u>

Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $5 \times (8 - 3) + 8^2$

6) $(10 \times 10 + 4^2) - 8$

2) $(36 - 6) \div 10 - 4^2$

7) $(11 - 2)^2 + (24 \div 2)$

3) $(6 \times 3 + 3^2) - 8$

8) $(39 - 3^2) \div (0 + 5)$

4) $(9 - 2)^2 + (14 \div 7)$

9) $3 \times (11 - 3) + 3^2$

5) $(85 - 5^2) \div (1 + 2)$

10) $(62 - 2) \div 6 + 2^2$



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

$$\begin{array}{r}
 1) \quad 5 \times (8 - 3) + 8^2 \\
 5 \times 5 + 8^2 \\
 5 \times 5 + 64 \\
 25 + 64 \\
 89
 \end{array}$$

$$\begin{array}{r}
 6) \quad (10 \times 10 + 4^2) - 8 \\
 (10 \times 10 + 16) - 8 \\
 (100 + 16) - 8 \\
 116 - 8 \\
 108
 \end{array}$$

$$\begin{array}{r}
 2) \quad (36 - 6) \div 10 - 4^2 \\
 30 \div 10 - 4^2 \\
 30 \div 10 - 16 \\
 3 - 16 \\
 -13
 \end{array}$$

$$\begin{array}{r}
 7) \quad (11 - 2)^2 + (24 \div 2) \\
 9^2 + 12 \\
 81 + 12 \\
 93
 \end{array}$$

$$\begin{array}{r}
 3) \quad (6 \times 3 + 3^2) - 8 \\
 (6 \times 3 + 9) - 8 \\
 (18 + 9) - 8 \\
 27 - 8 \\
 19
 \end{array}$$

$$\begin{array}{r}
 8) \quad (39 - 3^2) \div (0 + 5) \\
 (39 - 9) \div (0 + 5) \\
 30 \div 5 \\
 6
 \end{array}$$

$$\begin{array}{r}
 4) \quad (9 - 2)^2 + (14 \div 7) \\
 7^2 + 2 \\
 49 + 2 \\
 51
 \end{array}$$

$$\begin{array}{r}
 9) \quad 3 \times (11 - 3) + 3^2 \\
 3 \times 8 + 3^2 \\
 3 \times 8 + 9 \\
 24 + 9 \\
 33
 \end{array}$$

$$\begin{array}{r}
 5) \quad (85 - 5^2) \div (1 + 2) \\
 (85 - 25) \div (1 + 2) \\
 60 \div 3 \\
 20
 \end{array}$$

$$\begin{array}{r}
 10) \quad (62 - 2) \div 6 + 2^2 \\
 60 \div 6 + 2^2 \\
 60 \div 6 + 4 \\
 10 + 4 \\
 14
 \end{array}$$



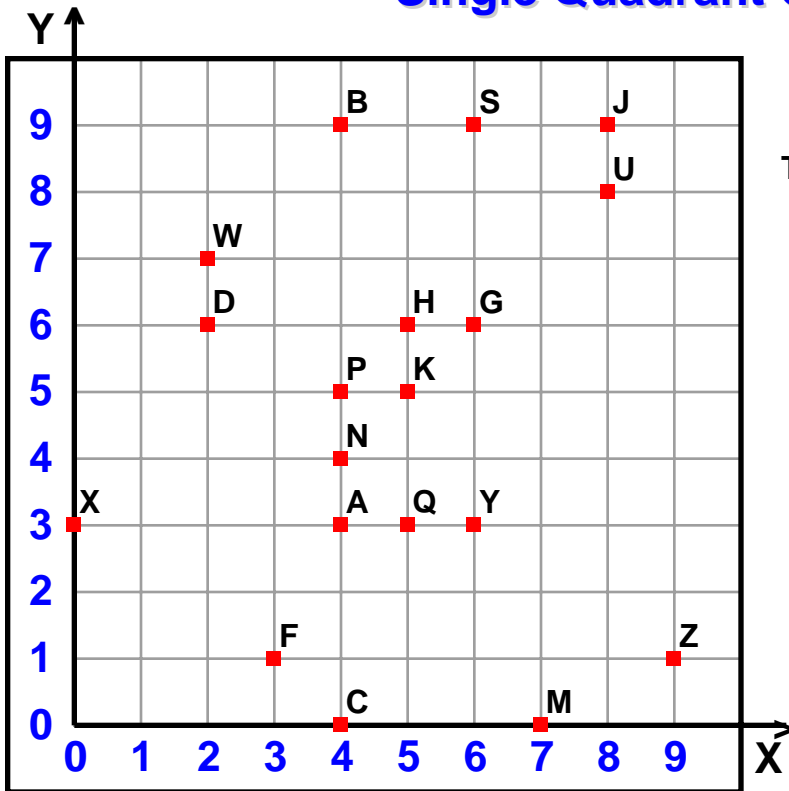
Name : _____

Score : _____

Teacher : _____

Date : _____

Single Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

- | | |
|----------------|-----------------|
| 1) (7,0) _____ | 6) (9,1) _____ |
| 2) (8,8) _____ | 7) (0,3) _____ |
| 3) (2,6) _____ | 8) (2,7) _____ |
| 4) (5,3) _____ | 9) (4,9) _____ |
| 5) (4,4) _____ | 10) (5,6) _____ |

Write the ordered pair for each given point.

- | | | |
|-------------|-------------|-------------|
| 11) S _____ | 14) C _____ | 17) F _____ |
| 12) P _____ | 15) G _____ | 18) J _____ |
| 13) K _____ | 16) A _____ | 19) Y _____ |

Plot the following points on the coordinate grid.

- | | | |
|-------------|-------------|-------------|
| 20) O (2,1) | 22) L (2,8) | 24) E (8,6) |
| 21) T (2,3) | 23) R (3,2) | 25) I (1,4) |

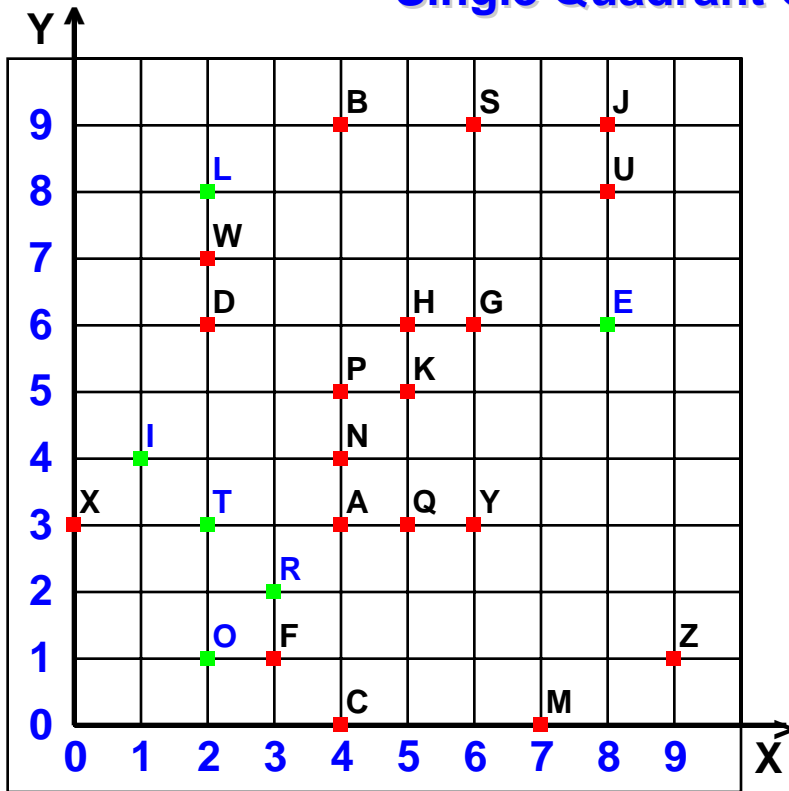
Name : _____

Score : _____

Teacher : _____

Date : _____

Single Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

1) (7,0) M 6) (9,1) Z

2) (8,8) U 7) (0,3) X

3) (2,6) D 8) (2,7) W

4) (5,3) Q 9) (4,9) B

5) (4,4) N 10) (5,6) H

Write the ordered pair for each given point.

11) S (6,9)

14) C (4,0)

17) F (3,1)

12) P (4,5)

15) G (6,6)

18) J (8,9)

13) K (5,5)

16) A (4,3)

19) Y (6,3)

Plot the following points on the coordinate grid.

20) O (2,1)

22) L (2,8)

24) E (8,6)

21) T (2,3)

23) R (3,2)

25) I (1,4)

Name : _____

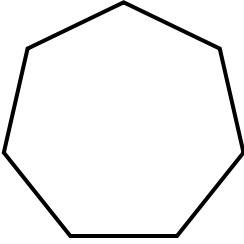
Score : _____

Teacher : _____

Date : _____

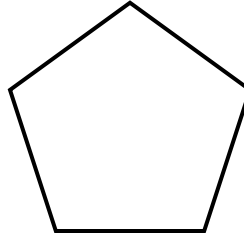
Identify the Type For Each Regular Polygon.

1)



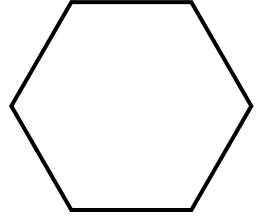
Type: _____

2)



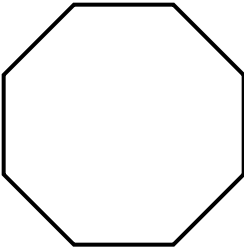
Type: _____

3)



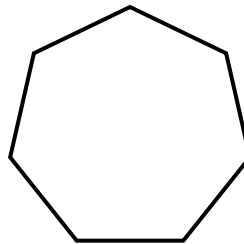
Type: _____

4)



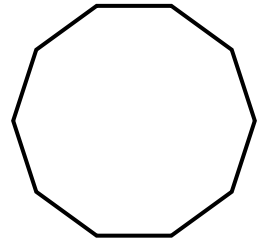
Type: _____

5)



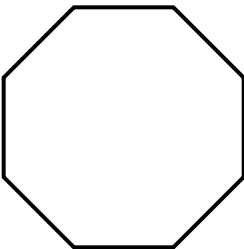
Type: _____

6)



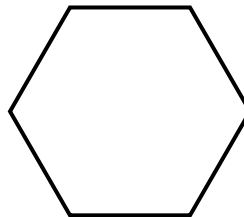
Type: _____

7)



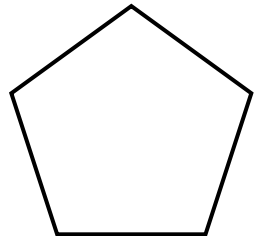
Type: _____

8)



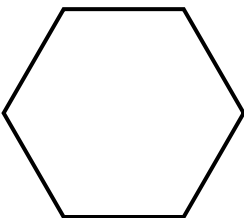
Type: _____

9)



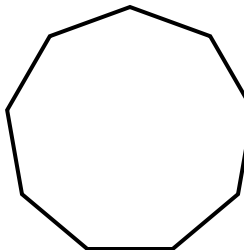
Type: _____

10)



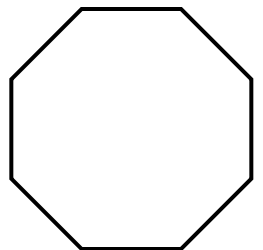
Type: _____

11)



Type: _____

12)



Type: _____



Name : _____

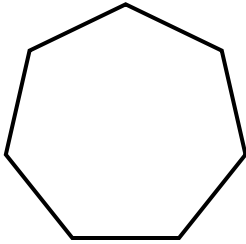
Score : _____

Teacher : _____

Date : _____

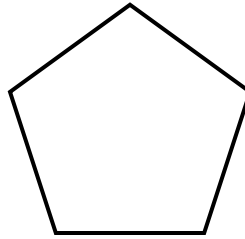
Identify the Type For Each Regular Polygon.

1)



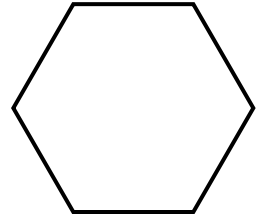
Type: Heptagon

2)



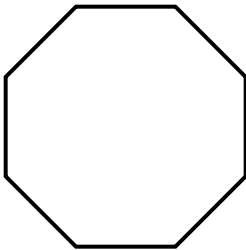
Type: Pentagon

3)



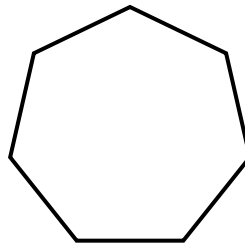
Type: Hexagon

4)



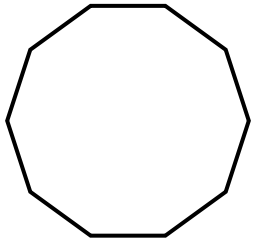
Type: Octagon

5)



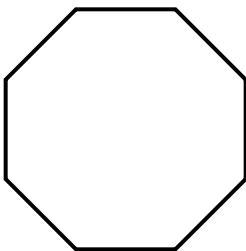
Type: Heptagon

6)



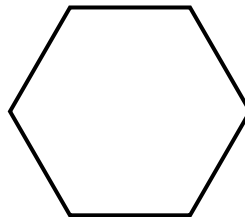
Type: Decagon

7)



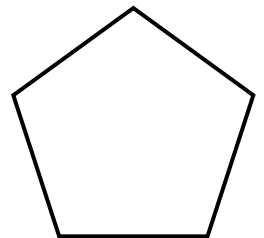
Type: Octagon

8)



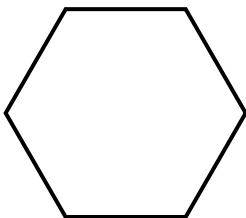
Type: Hexagon

9)



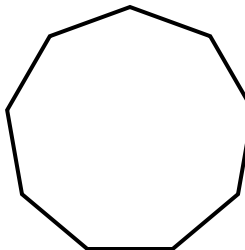
Type: Pentagon

10)



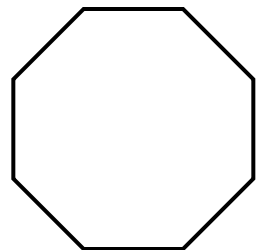
Type: Hexagon

11)



Type: Nonagon

12)



Type: Octagon



Name : _____

Score : _____

Teacher : _____

Date : _____

Mean, Mode, Median, and Range

1) 2, 2, 3, 5, 3, 3

Mean _____ Median _____ Mode _____ Range _____

6) 6, 5, 7, 3, 8, 9, 7, 4, 3, 8

Mean _____ Median _____ Mode _____ Range _____

2) 3, 6, 2, 6, 3

Mean _____ Median _____ Mode _____ Range _____

7) 7, 2, 8, 9, 9

Mean _____ Median _____ Mode _____ Range _____

3) 9, 5, 9, 4, 3, 6

Mean _____ Median _____ Mode _____ Range _____

8) 5, 4, 7, 6, 4, 3, 6

Mean _____ Median _____ Mode _____ Range _____

4) 7, 6, 5, 6, 4, 7, 8, 5

Mean _____ Median _____ Mode _____ Range _____

9) 5, 1, 1, 6, 5, 1, 1, 6, 1

Mean _____ Median _____ Mode _____ Range _____

5) 5, 4, 9, 6, 2, 8, 9, 5

Mean _____ Median _____ Mode _____ Range _____

10) 4, 7, 7, 4, 9, 5, 5, 8, 5

Mean _____ Median _____ Mode _____ Range _____



Name : _____

Score : _____

Teacher : _____

Date : _____

Mean, Mode, Median, and Range

1) 2, 2, 3, 5, 3, 3
2, 2, 3, 3, 3, 5

Mean 3 Median 3 Mode 3 Range 3

6) 6, 5, 7, 3, 8, 9, 7, 4, 3, 8
3, 3, 4, 5, 6, 7, 7, 8, 8, 9

Mean 6 Median 6.5 Mode 3, 7, 8 Range 6

2) 3, 6, 2, 6, 3
2, 3, 3, 6, 6

Mean 4 Median 3 Mode 3, 6 Range 4

7) 7, 2, 8, 9, 9
2, 7, 8, 9, 9

Mean 7 Median 8 Mode 9 Range 7

3) 9, 5, 9, 4, 3, 6
3, 4, 5, 6, 9, 9

Mean 6 Median 5.5 Mode 9 Range 6

8) 5, 4, 7, 6, 4, 3, 6
3, 4, 4, 5, 6, 6, 7

Mean 5 Median 5 Mode 4, 6 Range 4

4) 7, 6, 5, 6, 4, 7, 8, 5
4, 5, 5, 6, 6, 7, 7, 8

Mean 6 Median 6 Mode 5, 6, 7 Range 4

9) 5, 1, 1, 6, 5, 1, 1, 6, 1
1, 1, 1, 1, 1, 5, 5, 6, 6

Mean 3 Median 1 Mode 1 Range 5

5) 5, 4, 9, 6, 2, 8, 9, 5
2, 4, 5, 5, 6, 8, 9, 9

Mean 6 Median 5.5 Mode 5, 9 Range 7

10) 4, 7, 7, 4, 9, 5, 5, 8, 5
4, 4, 5, 5, 5, 7, 7, 8, 9

Mean 6 Median 5 Mode 5 Range 5

