



SAFETY HARBOR MIDDLE SCHOOL
SEAHAWKS

6th grade Summer Math packet

Students coming to Safety Harbor Middle School taking 6th grade math are required to complete this summer math packet.

In addition to these worksheets, students must study their multiplication tables each week.

Each assignment has an answers page so that you may check your answers.

Work must be provided for each assignment in order to get credit.

Below is a suggested pace to complete the assignments

Week of June 5th: Complete the Add/Subtract Decimals worksheet and study the multiplication table

Week of June 12th: Complete the Adding Fractions worksheet and study the multiplication table

Week of June 19th: Complete the Subtracting Fractions worksheet and study the multiplication table

Week of July 10th: Complete the Standard Division worksheet and study the multiplication table

Week of July 24th: Complete BOTH multiplication worksheets and study the multiplication table

Week of August 7th: Prepare to turn in your packet on Friday, August 11th

Additional exercises are provided for those who would like to challenge themselves.

The assignments “Converting Percentages” and “Order of Operations” are OPTIONAL

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplication Times Table (1 - 12)

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144



Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplication Times Table (1 - 12)

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144



Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 28.88 \\ +62.97 \\ \hline \end{array}$$

$$\begin{array}{r} 18.89 \\ - 17.86 \\ \hline \end{array}$$

$$\begin{array}{r} 77.18 \\ +45.68 \\ \hline \end{array}$$

$$\begin{array}{r} 96.27 \\ - 82.73 \\ \hline \end{array}$$

$$\begin{array}{r} 14.26 \\ +70.95 \\ \hline \end{array}$$

$$\begin{array}{r} 18.19 \\ +23.94 \\ \hline \end{array}$$

$$\begin{array}{r} 85.44 \\ +21.35 \\ \hline \end{array}$$

$$\begin{array}{r} 74.63 \\ - 27.48 \\ \hline \end{array}$$

$$\begin{array}{r} 65.68 \\ +62.39 \\ \hline \end{array}$$

$$\begin{array}{r} 87.42 \\ - 63.42 \\ \hline \end{array}$$

$$\begin{array}{r} 96.77 \\ - 12.99 \\ \hline \end{array}$$

$$\begin{array}{r} 67.91 \\ - 40.53 \\ \hline \end{array}$$

$$\begin{array}{r} 33.48 \\ +96.96 \\ \hline \end{array}$$

$$\begin{array}{r} 44.91 \\ - 17.68 \\ \hline \end{array}$$

$$\begin{array}{r} 63.44 \\ +88.66 \\ \hline \end{array}$$

$$\begin{array}{r} 80.47 \\ +21.69 \\ \hline \end{array}$$

$$\begin{array}{r} 77.13 \\ - 27.62 \\ \hline \end{array}$$

$$\begin{array}{r} 39.35 \\ - 36.33 \\ \hline \end{array}$$

$$\begin{array}{r} 48.98 \\ +63.79 \\ \hline \end{array}$$

$$\begin{array}{r} 93.39 \\ - 86.95 \\ \hline \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 28.88 \\ +62.97 \\ \hline 91.85 \end{array}$$

$$\begin{array}{r} 18.89 \\ - 17.86 \\ \hline 1.03 \end{array}$$

$$\begin{array}{r} 77.18 \\ +45.68 \\ \hline 122.86 \end{array}$$

$$\begin{array}{r} 96.27 \\ - 82.73 \\ \hline 13.54 \end{array}$$

$$\begin{array}{r} 14.26 \\ +70.95 \\ \hline 85.21 \end{array}$$

$$\begin{array}{r} 18.19 \\ +23.94 \\ \hline 42.13 \end{array}$$

$$\begin{array}{r} 85.44 \\ +21.35 \\ \hline 106.79 \end{array}$$

$$\begin{array}{r} 74.63 \\ - 27.48 \\ \hline 47.15 \end{array}$$

$$\begin{array}{r} 65.68 \\ +62.39 \\ \hline 128.07 \end{array}$$

$$\begin{array}{r} 87.42 \\ - 63.42 \\ \hline 24.00 \end{array}$$

$$\begin{array}{r} 96.77 \\ - 12.99 \\ \hline 83.78 \end{array}$$

$$\begin{array}{r} 67.91 \\ - 40.53 \\ \hline 27.38 \end{array}$$

$$\begin{array}{r} 33.48 \\ +96.96 \\ \hline 130.44 \end{array}$$

$$\begin{array}{r} 44.91 \\ - 17.68 \\ \hline 27.23 \end{array}$$

$$\begin{array}{r} 63.44 \\ +88.66 \\ \hline 152.10 \end{array}$$

$$\begin{array}{r} 80.47 \\ +21.69 \\ \hline 102.16 \end{array}$$

$$\begin{array}{r} 77.13 \\ - 27.62 \\ \hline 49.51 \end{array}$$

$$\begin{array}{r} 39.35 \\ - 36.33 \\ \hline 3.02 \end{array}$$

$$\begin{array}{r} 48.98 \\ +63.79 \\ \hline 112.77 \end{array}$$

$$\begin{array}{r} 93.39 \\ - 86.95 \\ \hline 6.44 \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Fractions

1) $\frac{1}{3} + \frac{8}{10} =$

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

3) $\frac{4}{10} + \frac{2}{3} =$

4) $\frac{2}{3} + \frac{4}{10} =$

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

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

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

8) $\frac{3}{5} + \frac{3}{4} =$

9) $\frac{1}{10} + \frac{1}{3} =$

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

Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Fractions

$$1) \quad \frac{1}{3} + \frac{8}{10} = \frac{10}{30} + \frac{24}{30} = \frac{34}{30} = \frac{17}{15} = 1\frac{2}{15}$$

$$2) \quad \frac{1}{2} + \frac{4}{5} = \frac{5}{10} + \frac{8}{10} = \frac{13}{10} = 1\frac{3}{10}$$

$$3) \quad \frac{4}{10} + \frac{2}{3} = \frac{12}{30} + \frac{20}{30} = \frac{32}{30} = \frac{16}{15} = 1\frac{1}{15}$$

$$4) \quad \frac{2}{3} + \frac{4}{10} = \frac{20}{30} + \frac{12}{30} = \frac{32}{30} = \frac{16}{15} = 1\frac{1}{15}$$

$$5) \quad \frac{4}{5} + \frac{1}{2} = \frac{8}{10} + \frac{5}{10} = \frac{13}{10} = 1\frac{3}{10}$$

$$6) \quad \frac{1}{5} + \frac{1}{2} = \frac{2}{10} + \frac{5}{10} = \frac{7}{10}$$

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

$$8) \quad \frac{3}{5} + \frac{3}{4} = \frac{12}{20} + \frac{15}{20} = \frac{27}{20} = 1\frac{7}{20}$$

$$9) \quad \frac{1}{10} + \frac{1}{3} = \frac{3}{30} + \frac{10}{30} = \frac{13}{30}$$

$$10) \quad \frac{3}{5} + \frac{2}{4} = \frac{12}{20} + \frac{10}{20} = \frac{22}{20} = \frac{11}{10} = 1\frac{1}{10}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

Subtracting Fractions

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

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

3) $\frac{4}{5} - \frac{4}{10} =$

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

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

6) $\frac{2}{3} - \frac{2}{4} =$

7) $\frac{3}{5} - \frac{2}{10} =$

8) $\frac{4}{10} - \frac{2}{5} =$

9) $\frac{1}{2} - \frac{1}{5} =$

10) $\frac{1}{2} - \frac{3}{10} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Subtracting Fractions

$$1) \quad \frac{1}{2} - \frac{2}{5} = \quad \frac{5}{10} - \frac{4}{10} = \quad \frac{1}{10}$$

$$2) \quad \frac{3}{5} - \frac{3}{10} = \quad \frac{6}{10} - \frac{3}{10} = \quad \frac{3}{10}$$

$$3) \quad \frac{4}{5} - \frac{4}{10} = \quad \frac{8}{10} - \frac{4}{10} = \quad \frac{4}{10} = \quad \frac{2}{5}$$

$$4) \quad \frac{3}{4} - \frac{2}{3} = \quad \frac{9}{12} - \frac{8}{12} = \quad \frac{1}{12}$$

$$5) \quad \frac{4}{5} - \frac{1}{2} = \quad \frac{8}{10} - \frac{5}{10} = \quad \frac{3}{10}$$

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

$$7) \quad \frac{3}{5} - \frac{2}{10} = \quad \frac{6}{10} - \frac{2}{10} = \quad \frac{4}{10} = \quad \frac{2}{5}$$

$$8) \quad \frac{4}{10} - \frac{2}{5} = \quad \frac{4}{10} - \frac{4}{10} = \quad 0$$

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

$$10) \quad \frac{1}{2} - \frac{3}{10} = \quad \frac{5}{10} - \frac{3}{10} = \quad \frac{2}{10} = \quad \frac{1}{5}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$7 \overline{)623}$$

$$7 \overline{)343}$$

$$7 \overline{)602}$$

$$5 \overline{)455}$$

$$8 \overline{)696}$$

$$3 \overline{)30}$$

$$2 \overline{)186}$$

$$6 \overline{)528}$$

$$6 \overline{)366}$$

$$3 \overline{)270}$$

$$4 \overline{)180}$$

$$9 \overline{)306}$$

$$2 \overline{)142}$$

$$6 \overline{)528}$$

$$8 \overline{)520}$$

$$2 \overline{)130}$$

$$9 \overline{)117}$$

$$4 \overline{)104}$$

$$5 \overline{)155}$$

$$3 \overline{)60}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$7 \overline{)623} \begin{array}{r} 89 \\ \hline \end{array}$$

$$7 \overline{)343} \begin{array}{r} 49 \\ \hline \end{array}$$

$$7 \overline{)602} \begin{array}{r} 86 \\ \hline \end{array}$$

$$5 \overline{)455} \begin{array}{r} 91 \\ \hline \end{array}$$

$$8 \overline{)696} \begin{array}{r} 87 \\ \hline \end{array}$$

$$3 \overline{)30} \begin{array}{r} 10 \\ \hline \end{array}$$

$$2 \overline{)186} \begin{array}{r} 93 \\ \hline \end{array}$$

$$6 \overline{)528} \begin{array}{r} 88 \\ \hline \end{array}$$

$$6 \overline{)366} \begin{array}{r} 61 \\ \hline \end{array}$$

$$3 \overline{)270} \begin{array}{r} 90 \\ \hline \end{array}$$

$$4 \overline{)180} \begin{array}{r} 45 \\ \hline \end{array}$$

$$9 \overline{)306} \begin{array}{r} 34 \\ \hline \end{array}$$

$$2 \overline{)142} \begin{array}{r} 71 \\ \hline \end{array}$$

$$6 \overline{)528} \begin{array}{r} 88 \\ \hline \end{array}$$

$$8 \overline{)520} \begin{array}{r} 65 \\ \hline \end{array}$$

$$2 \overline{)130} \begin{array}{r} 65 \\ \hline \end{array}$$

$$9 \overline{)117} \begin{array}{r} 13 \\ \hline \end{array}$$

$$4 \overline{)104} \begin{array}{r} 26 \\ \hline \end{array}$$

$$5 \overline{)155} \begin{array}{r} 31 \\ \hline \end{array}$$

$$3 \overline{)60} \begin{array}{r} 20 \\ \hline \end{array}$$

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 68 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ \times 89 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 81 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 88 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ \times 46 \\ \hline \end{array}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 68 \\ \times 78 \\ \hline 5304 \end{array}$$

$$\begin{array}{r} 75 \\ \times 24 \\ \hline 1800 \end{array}$$

$$\begin{array}{r} 97 \\ \times 41 \\ \hline 3977 \end{array}$$

$$\begin{array}{r} 86 \\ \times 64 \\ \hline 5504 \end{array}$$

$$\begin{array}{r} 23 \\ \times 63 \\ \hline 1449 \end{array}$$

$$\begin{array}{r} 80 \\ \times 88 \\ \hline 7040 \end{array}$$

$$\begin{array}{r} 77 \\ \times 42 \\ \hline 3234 \end{array}$$

$$\begin{array}{r} 26 \\ \times 46 \\ \hline 1196 \end{array}$$

$$\begin{array}{r} 45 \\ \times 15 \\ \hline 675 \end{array}$$

$$\begin{array}{r} 28 \\ \times 47 \\ \hline 1316 \end{array}$$

$$\begin{array}{r} 48 \\ \times 89 \\ \hline 4272 \end{array}$$

$$\begin{array}{r} 47 \\ \times 59 \\ \hline 2773 \end{array}$$

$$\begin{array}{r} 38 \\ \times 81 \\ \hline 3078 \end{array}$$

$$\begin{array}{r} 67 \\ \times 47 \\ \hline 3149 \end{array}$$

$$\begin{array}{r} 22 \\ \times 47 \\ \hline 1034 \end{array}$$

$$\begin{array}{r} 81 \\ \times 88 \\ \hline 7128 \end{array}$$

$$\begin{array}{r} 63 \\ \times 57 \\ \hline 3591 \end{array}$$

$$\begin{array}{r} 93 \\ \times 80 \\ \hline 7440 \end{array}$$

$$\begin{array}{r} 30 \\ \times 17 \\ \hline 510 \end{array}$$

$$\begin{array}{r} 69 \\ \times 46 \\ \hline 3174 \end{array}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 1463 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 1302 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 1057 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 1344 \\ \times 233 \\ \hline \end{array}$$

$$\begin{array}{r} 2484 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 1935 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 1948 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1197 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1603 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 2423 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 1372 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1848 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 1731 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2000 \\ \times 410 \\ \hline \end{array}$$

$$\begin{array}{r} 1757 \\ \times 249 \\ \hline \end{array}$$

$$\begin{array}{r} 2059 \\ \times 622 \\ \hline \end{array}$$

$$\begin{array}{r} 1292 \\ \times 273 \\ \hline \end{array}$$

$$\begin{array}{r} 2048 \\ \times 377 \\ \hline \end{array}$$

$$\begin{array}{r} 1807 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 1234 \\ \times 283 \\ \hline \end{array}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 1463 \\ \times 37 \\ \hline 54131 \end{array}$$

$$\begin{array}{r} 1302 \\ \times 75 \\ \hline 97650 \end{array}$$

$$\begin{array}{r} 1057 \\ \times 33 \\ \hline 34881 \end{array}$$

$$\begin{array}{r} 1344 \\ \times 233 \\ \hline 313152 \end{array}$$

$$\begin{array}{r} 2484 \\ \times 38 \\ \hline 94392 \end{array}$$

$$\begin{array}{r} 1935 \\ \times 21 \\ \hline 40635 \end{array}$$

$$\begin{array}{r} 1948 \\ \times 7 \\ \hline 13636 \end{array}$$

$$\begin{array}{r} 1197 \\ \times 9 \\ \hline 10773 \end{array}$$

$$\begin{array}{r} 1603 \\ \times 44 \\ \hline 70532 \end{array}$$

$$\begin{array}{r} 2423 \\ \times 4 \\ \hline 9692 \end{array}$$

$$\begin{array}{r} 1372 \\ \times 2 \\ \hline 2744 \end{array}$$

$$\begin{array}{r} 1848 \\ \times 57 \\ \hline 105336 \end{array}$$

$$\begin{array}{r} 1731 \\ \times 4 \\ \hline 6924 \end{array}$$

$$\begin{array}{r} 2000 \\ \times 410 \\ \hline 820000 \end{array}$$

$$\begin{array}{r} 1757 \\ \times 249 \\ \hline 437493 \end{array}$$

$$\begin{array}{r} 2059 \\ \times 622 \\ \hline 1280698 \end{array}$$

$$\begin{array}{r} 1292 \\ \times 273 \\ \hline 352716 \end{array}$$

$$\begin{array}{r} 2048 \\ \times 377 \\ \hline 772096 \end{array}$$

$$\begin{array}{r} 1807 \\ \times 9 \\ \hline 16263 \end{array}$$

$$\begin{array}{r} 1234 \\ \times 283 \\ \hline 349222 \end{array}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

Converting Between Percents, Decimals, and Fractions

Convert Decimal to Percent

$0.49 =$

$0.93 =$

$0.72 =$

$0.72 =$

$0.17 =$

$0.58 =$

$0.86 =$

$0.79 =$

$0.38 =$

Convert Percent to Decimal

$77 \% =$

$79 \% =$

$65 \% =$

$46 \% =$

$66 \% =$

$59 \% =$

$64 \% =$

$30 \% =$

$18 \% =$

Convert Fraction to Percent

$\frac{11}{50} =$

$\frac{4}{50} =$

$\frac{20}{50} =$

$\frac{13}{25} =$

$\frac{23}{25} =$

$\frac{1}{20} =$

$\frac{4}{25} =$

$\frac{4}{10} =$

$\frac{5}{20} =$

Convert Percent to Fraction

$72 \% =$

$26 \% =$

$59 \% =$

$29 \% =$

$89 \% =$

$89 \% =$

$25 \% =$

$48 \% =$

$40 \% =$



Name : _____

Score : _____

Teacher : _____

Date : _____

Converting Between Percents, Decimals, and Fractions

Convert Decimal to Percent

$$0.49 = 49 \%$$

$$0.93 = 93 \%$$

$$0.72 = 72 \%$$

$$0.72 = 72 \%$$

$$0.17 = 17 \%$$

$$0.58 = 58 \%$$

$$0.86 = 86 \%$$

$$0.79 = 79 \%$$

$$0.38 = 38 \%$$

Convert Percent to Decimal

$$77 \% = 0.77$$

$$79 \% = 0.79$$

$$65 \% = 0.65$$

$$46 \% = 0.46$$

$$66 \% = 0.66$$

$$59 \% = 0.59$$

$$64 \% = 0.64$$

$$30 \% = 0.3$$

$$18 \% = 0.18$$

Convert Fraction to Percent

$$\frac{11}{50} = 22 \%$$

$$\frac{4}{50} = 8 \%$$

$$\frac{20}{50} = 40 \%$$

$$\frac{13}{25} = 52 \%$$

$$\frac{23}{25} = 92 \%$$

$$\frac{1}{20} = 5 \%$$

$$\frac{4}{25} = 16 \%$$

$$\frac{4}{10} = 40 \%$$

$$\frac{5}{20} = 25 \%$$

Convert Percent to Fraction

$$72 \% = \frac{72}{100} = \frac{18}{25}$$

$$26 \% = \frac{26}{100} = \frac{13}{50}$$

$$59 \% = \frac{59}{100}$$

$$29 \% = \frac{29}{100}$$

$$89 \% = \frac{89}{100}$$

$$89 \% = \frac{89}{100}$$

$$25 \% = \frac{25}{100} = \frac{1}{4}$$

$$48 \% = \frac{48}{100} = \frac{12}{25}$$

$$40 \% = \frac{40}{100} = \frac{2}{5}$$



PEMDAS Rules

Evaluate the problem in the following order:

- 1) **P** - **Parentheses**
- 2) **E** - **Exponents** (Powers and Square Roots)
- 3) **MD** - **Multiplication and Division** (Left to Right)
- 4) **AS** - **Addition and Subtraction** (Left to Right)

You can remember the order by saying :

Please **E**xcuse **M**y **D**ear **A**unt **S**ally

a	x	u	i	d	u
r	p	l	v	d	b
e	o	t	i	i	t
n	n	i	s	t	r
t	e	p	i	i	a
h	n	l	o	o	c
e	t	i	n	n	t
s	s	c			i
e		a			o
s		t			n
		i			
		o			
		n			



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

1) $19 - 16 + 3 \times 9 + 9$

6) $7 + 10 \times 12 + 7 \times 14$

2) $11 \times 3 + 15 \times 14 + 11$

7) $15 - 15 + 16 \times 7 + 4$

3) $18 - 5 \times 8 + 14 \times 6$

8) $17 + 3 - 2 + 2 - 1$

4) $15 + 18 \times 12 - 6 - 1$

9) $13 + 12 + 13 - 8 \times 12$

5) $13 - 10 + 4 - 3 + 10$

10) $9 \times 12 + 8 - 3 \times 5$



Name : _____

Score : _____

Teacher : _____

Date : _____

Order of Operations

$$\begin{array}{r} 1) \ 19 - 16 + 3 \times 9 + 9 \\ 19 - 16 + \quad 27 + 9 \\ \quad \quad \quad 39 \end{array}$$

$$\begin{array}{r} 6) \ 7 + 10 \times 12 + 7 \times 14 \\ 7 + \quad 120 + 7 \times 14 \\ 7 + \quad 120 + \quad 98 \\ \quad \quad \quad 225 \end{array}$$

$$\begin{array}{r} 2) \ 11 \times 3 + 15 \times 14 + 11 \\ 33 + 15 \times 14 + 11 \\ 33 + \quad 210 + 11 \\ \quad \quad \quad 254 \end{array}$$

$$\begin{array}{r} 7) \ 15 - 15 + 16 \times 7 + 4 \\ 15 - 15 + \quad 112 + 4 \\ \quad \quad \quad 116 \end{array}$$

$$\begin{array}{r} 3) \ 18 - 5 \times 8 + 14 \times 6 \\ 18 - \quad 40 + 14 \times 6 \\ 18 - \quad 40 + \quad 84 \\ \quad \quad \quad 62 \end{array}$$

$$\begin{array}{r} 8) \ 17 + 3 - 2 + 2 - 1 \\ \quad \quad \quad 19 \end{array}$$

$$\begin{array}{r} 4) \ 15 + 18 \times 12 - 6 - 1 \\ 15 + \quad 216 - 6 - 1 \\ \quad \quad \quad 224 \end{array}$$

$$\begin{array}{r} 9) \ 13 + 12 + 13 - 8 \times 12 \\ 13 + 12 + 13 - \quad 96 \\ \quad \quad \quad -58 \end{array}$$

$$\begin{array}{r} 5) \ 13 - 10 + 4 - 3 + 10 \\ \quad \quad \quad 14 \end{array}$$

$$\begin{array}{r} 10) \ 9 \times 12 + 8 - 3 \times 5 \\ 108 + 8 - 3 \times 5 \\ 108 + 8 - \quad 15 \\ \quad \quad \quad 101 \end{array}$$

