

*attached, you'll find some math operation practice to get you started.

*please wait for the video lessons on BEDMAS to follow (links will be available on the website when it's time)

→ Extra website links to help will be available when they are uploaded.
→ You can also find more math practice available on the site.
*Don't forget to check the website regularly for new information and lessons. 😊

*questions? Call me @ the school (250-562-1161) or e-mail phielson@sd57.bc.ca and I can call you.

Multiplication Table - 20x20

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260
14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320
17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340
18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380
20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 68 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 63 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 33 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 31 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 62 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 81 \\ \hline \end{array}$$



Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} \$57.47 \\ +\$42.52 \\ \hline \end{array}$$

$$\begin{array}{r} \$25.67 \\ +\$13.11 \\ \hline \end{array}$$

$$\begin{array}{r} \$31.77 \\ +\$33.22 \\ \hline \end{array}$$

$$\begin{array}{r} \$24.12 \\ +\$12.34 \\ \hline \end{array}$$

$$\begin{array}{r} \$65.27 \\ +\$32.71 \\ \hline \end{array}$$

$$\begin{array}{r} \$46.38 \\ +\$32.21 \\ \hline \end{array}$$

$$\begin{array}{r} \$65.47 \\ +\$24.21 \\ \hline \end{array}$$

$$\begin{array}{r} \$27.86 \\ +\$11.12 \\ \hline \end{array}$$

$$\begin{array}{r} \$64.78 \\ +\$31.11 \\ \hline \end{array}$$

$$\begin{array}{r} \$38.31 \\ +\$11.53 \\ \hline \end{array}$$

$$\begin{array}{r} \$11.54 \\ +\$85.21 \\ \hline \end{array}$$

$$\begin{array}{r} \$44.84 \\ +\$35.12 \\ \hline \end{array}$$

$$\begin{array}{r} \$87.47 \\ +\$12.51 \\ \hline \end{array}$$

$$\begin{array}{r} \$36.18 \\ +\$32.71 \\ \hline \end{array}$$

$$\begin{array}{r} \$28.88 \\ +\$11.11 \\ \hline \end{array}$$

$$\begin{array}{r} \$48.58 \\ +\$31.41 \\ \hline \end{array}$$

$$\begin{array}{r} \$31.88 \\ +\$25.11 \\ \hline \end{array}$$

$$\begin{array}{r} \$21.33 \\ +\$72.63 \\ \hline \end{array}$$

$$\begin{array}{r} \$24.11 \\ +\$43.76 \\ \hline \end{array}$$

$$\begin{array}{r} \$42.28 \\ +\$22.11 \\ \hline \end{array}$$

$$\begin{array}{r} \$83.27 \\ +\$14.21 \\ \hline \end{array}$$

$$\begin{array}{r} \$25.14 \\ +\$33.34 \\ \hline \end{array}$$

$$\begin{array}{r} \$23.53 \\ +\$23.12 \\ \hline \end{array}$$

$$\begin{array}{r} \$34.72 \\ +\$53.11 \\ \hline \end{array}$$

$$\begin{array}{r} \$35.85 \\ +\$23.14 \\ \hline \end{array}$$



Name: _____

Addition

$$\begin{array}{r} 12 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$$

Time: _____ minutes **Score:** _____ out of 25

Name: _____

Adding Columns

Find the sums.

a.

$$\begin{array}{r} 7 \\ 3 \\ + 2 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 5 \\ 6 \\ + 5 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 9 \\ 3 \\ + 3 \\ \hline \end{array}$$



d.

$$\begin{array}{r} 4 \\ 5 \\ + 2 \\ \hline \end{array}$$

e.

$$\begin{array}{r} 8 \\ 8 \\ + 4 \\ \hline \end{array}$$

f.

$$\begin{array}{r} 1 \\ 6 \\ + 8 \\ \hline \end{array}$$

g.

$$\begin{array}{r} 9 \\ 9 \\ + 9 \\ \hline \end{array}$$



h.

$$\begin{array}{r} 6 \\ 0 \\ + 6 \\ \hline \end{array}$$

i.

$$\begin{array}{r} 5 \\ 2 \\ + 3 \\ \hline \end{array}$$

j.

$$\begin{array}{r} 7 \\ 9 \\ + 5 \\ \hline \end{array}$$

- k. Mike saw 7 green bugs, 2 brown bugs, and 1 red bug. How many bugs did he see in all?

- l. Tom caught 2 ants, 8 ladybugs, and 4 crickets. How many bugs did he catch in all?

Name: _____

2-Digit Addition without Regrouping

Addition

Find the sums.

a.
$$\begin{array}{r} 32 \\ + 15 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 44 \\ + 34 \\ \hline \end{array}$$



c.
$$\begin{array}{r} 41 \\ + 10 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 20 \\ + 29 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 62 \\ + 6 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 72 \\ + 26 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 34 \\ + 23 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 5 \\ + 61 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 54 \\ + 20 \\ \hline \end{array}$$

j.
$$\begin{array}{r} 83 \\ + 16 \\ \hline \end{array}$$

- k. Ken has 25 toy cars.
Tim has 13 toy cars.
How many toy cars do they have altogether? _____

- l. Sara has 34 dolls.
She buys 3 more.
How many dolls does she have in all? _____

Name: _____

Addition: 2-Digit Addends

a.
$$\begin{array}{r} 79 \\ + 16 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 27 \\ + 34 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 45 \\ + 95 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 56 \\ + 63 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 34 \\ + 44 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 12 \\ + 85 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 46 \\ + 39 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 56 \\ + 29 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 50 \\ + 38 \\ \hline \end{array}$$

j.
$$\begin{array}{r} 58 \\ + 91 \\ \hline \end{array}$$

k.
$$\begin{array}{r} 73 \\ + 17 \\ \hline \end{array}$$

l.
$$\begin{array}{r} 94 \\ + 20 \\ \hline \end{array}$$

m.
$$\begin{array}{r} 22 \\ + 17 \\ \hline \end{array}$$

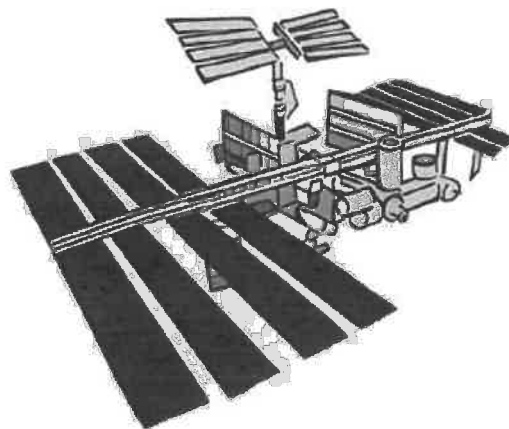
n.
$$\begin{array}{r} 22 \\ + 67 \\ \hline \end{array}$$

o.
$$\begin{array}{r} 73 \\ + 26 \\ \hline \end{array}$$

Name: _____

Column Addition

Find the sums.



a.

$$\begin{array}{r} 2,377 \\ 4,785 \\ + 2,388 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 6,959 \\ 480 \\ + 1,552 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 3,322 \\ 459 \\ 4,181 \\ + 93 \\ \hline \end{array}$$

d.

$$\begin{array}{r} 9,708 \\ 8,078 \\ 7,768 \\ + 8,171 \\ \hline \end{array}$$

e.

$$\begin{array}{r} 8,832 \\ 4,783 \\ 456 \\ + 5,426 \\ \hline \end{array}$$

f.

$$\begin{array}{r} 3,231 \\ 2,859 \\ 1,900 \\ + 660 \\ \hline \end{array}$$

g.

$$\begin{array}{r} 4 \\ 65 \\ 789 \\ + 1,234 \\ \hline \end{array}$$

h.

$$\begin{array}{r} 7,130 \\ 823 \\ 6,782 \\ + 3,355 \\ \hline \end{array}$$

i.

$$\begin{array}{r} \$3,670 \\ \$4,540 \\ \$611 \\ + \$354 \\ \hline \end{array}$$

j.

$$\begin{array}{r} \$3,434 \\ \$4,343 \\ \$8,686 \\ + \$868 \\ \hline \end{array}$$

- k. The International Space Station orbits the Earth 5,475 times each year. Write a column addition problem to find out how many times it orbits the Earth in four years.

Name : _____

Score : _____

Teacher : _____

Date : _____

$$\begin{array}{r} 74 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 45 \\ \hline \end{array}$$



Name: _____

Subtraction

$$\begin{array}{r} 13 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 836 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 284 \\ - 81 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 85 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 56 \\ \hline \end{array}$$

$$\begin{array}{r} 282 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 963 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 425 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ - 93 \\ \hline \end{array}$$

$$\begin{array}{r} 255 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 977 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 378 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ - 61 \\ \hline \end{array}$$

$$\begin{array}{r} 159 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 147 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 12 \\ \hline \end{array}$$

Name: _____

Subtraction

$$\begin{array}{r} 16 \\ - 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$$

Time: _____ minutes Score: _____ out of 25

Name: _____

Subtraction

$$\begin{array}{r} 12 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$$

Time: _____ minutes Score: _____ out of 25

Name: _____ Subtraction: 2-digits without Borrowing

a.
$$\begin{array}{r} 67 \\ - 21 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 56 \\ - 45 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 88 \\ - 24 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 59 \\ - 26 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 79 \\ - 34 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 92 \\ - 60 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 50 \\ - 30 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 63 \\ - 11 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 85 \\ - 25 \\ \hline \end{array}$$

j.
$$\begin{array}{r} 67 \\ - 23 \\ \hline \end{array}$$

k.
$$\begin{array}{r} 23 \\ - 12 \\ \hline \end{array}$$

l.
$$\begin{array}{r} 89 \\ - 56 \\ \hline \end{array}$$

m.
$$\begin{array}{r} 34 \\ - 22 \\ \hline \end{array}$$

n.
$$\begin{array}{r} 55 \\ - 25 \\ \hline \end{array}$$

o.
$$\begin{array}{r} 96 \\ - 43 \\ \hline \end{array}$$

Name: _____

Subtraction

$$\begin{array}{r} 372 \\ - 244 \\ \hline \end{array}$$

$$\begin{array}{r} 462 \\ - 75 \\ \hline \end{array}$$

$$\begin{array}{r} 602 \\ - 31 \\ \hline \end{array}$$

$$\begin{array}{r} 323 \\ - 211 \\ \hline \end{array}$$

$$\begin{array}{r} 356 \\ - 112 \\ \hline \end{array}$$

$$\begin{array}{r} 326 \\ - 324 \\ \hline \end{array}$$

$$\begin{array}{r} 641 \\ - 442 \\ \hline \end{array}$$

$$\begin{array}{r} 573 \\ - 98 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \\ - 232 \\ \hline \end{array}$$

$$\begin{array}{r} 232 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 518 \\ - 209 \\ \hline \end{array}$$

$$\begin{array}{r} 118 \\ - 42 \\ \hline \end{array}$$

$$\begin{array}{r} 809 \\ - 152 \\ \hline \end{array}$$

$$\begin{array}{r} 995 \\ - 758 \\ \hline \end{array}$$

$$\begin{array}{r} 589 \\ - 397 \\ \hline \end{array}$$

$$\begin{array}{r} 379 \\ - 265 \\ \hline \end{array}$$

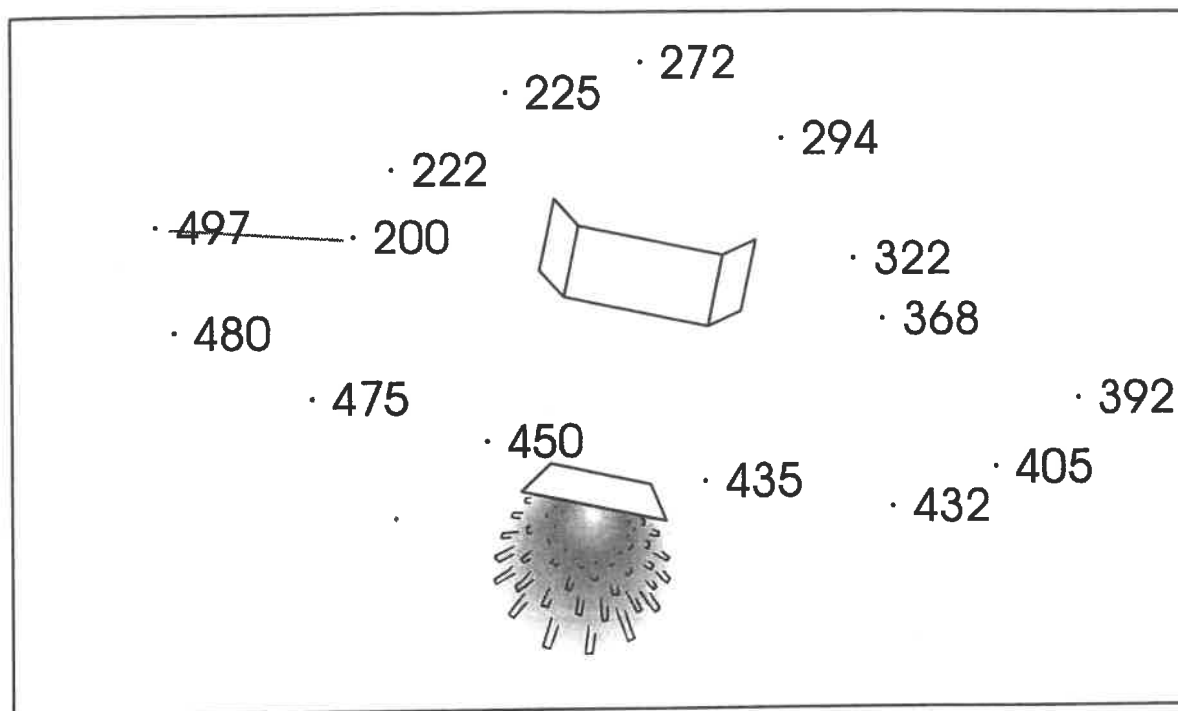
$$\begin{array}{r} 470 \\ - 182 \\ \hline \end{array}$$

$$\begin{array}{r} 296 \\ - 128 \\ \hline \end{array}$$

$$\begin{array}{r} 429 \\ - 410 \\ \hline \end{array}$$

$$\begin{array}{r} 859 \\ - 40 \\ \hline \end{array}$$

Start at 200. Connect the dots in the order of the answers below.



$$\begin{array}{r} 50 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 5 \\ \hline \end{array}$$

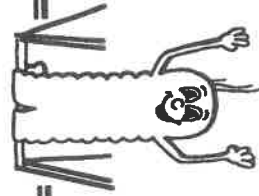
$$\begin{array}{r} 75 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 7 \\ \hline \end{array}$$

RAPID WRITING EXERCISE WORKSHEET



6 X 1 =

1 X 1 =

8 X 1 =

3 X 1 =

7 X 1 =

10 X 1 =

5 X 1 =

12 X 1 =

2 X 1 =

11 X 1 =

9 X 1 =

4 X 1 =

time

time

Wrapping Time

3's

sec

10's

sec

11 X 3 =

9 X 3 =

2 X 3 =

3 X 3 =

7 X 3 =

5 X 3 =

12 X 3 =

8 X 3 =

6 X 3 =

10 X 3 =

4 X 3 =

1 X 3 =

time

4 X 10 =

6 X 10 =

5 X 10 =

7 X 10 =

2 X 10 =

11 X 10 =

10 X 10 =

3 X 10 =

8 X 10 =

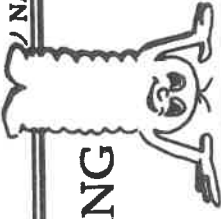
12 X 10 =

9 X 10 =

1 X 10 =

time

RAPID WRITING EXERCISE WORKSHEET



11 X 3 =

11 X 4 =

6 X 11 =

9 X 3 =

9 X 4 =

1 X 11 =

2 X 3 =

3 X 4 =

8 X 11 =

3 X 3 =

4 X 4 =

3 X 11 =

7 X 3 =

10 X 4 =

7 X 11 =

5 X 3 =

5 X 4 =

10 X 11 =

12 X 3 =

7 X 4 =

5 X 11 =

8 X 3 =

2 X 4 =

12 X 11 =

6 X 3 =

8 X 4 =

2 X 11 =

10 X 3 =

12 X 4 =

11 X 11 =

4 X 3 =

6 X 4 =

9 X 11 =

1 X 3 =

1 X 4 =

4 X 11 =

time

time

time

Wrapping Time

3's

sec

4's

sec

Lesson 2 Multiplication (2-digit by 1-digit)

Multiply
2 ones by 3.

$$\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ \times 3 \\ \hline 6 \end{array}$$

Multiply
7 tens by 3.

$$\begin{array}{r} 72 \\ \times 3 \\ \hline 6 \\ 210 \end{array}$$

$$\begin{array}{r} 72 \\ \times 3 \\ \hline 6 \\ 210 \\ \hline 216 \end{array} \left. \vphantom{\begin{array}{r} 72 \\ \times 3 \\ \hline 6 \\ 210 \\ \hline 216 \end{array}} \right\} \text{Add.}$$

Multiply.

1. $\begin{array}{r} a \\ 62 \\ \times 2 \\ \hline \end{array}$

$\begin{array}{r} b \\ 73 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} c \\ 92 \\ \times 4 \\ \hline \end{array}$

$\begin{array}{r} d \\ 84 \\ \times 2 \\ \hline \end{array}$

$\begin{array}{r} e \\ 53 \\ \times 2 \\ \hline \end{array}$

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

2. $\begin{array}{r} 23 \\ \times 2 \\ \hline \end{array}$

$\begin{array}{r} 31 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 42 \\ \times 2 \\ \hline \end{array}$

$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$

$\begin{array}{r} 33 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 42 \\ \times 2 \\ \hline \end{array}$

CHAPTER
10

3. $\begin{array}{r} 21 \\ \times 4 \\ \hline \end{array}$

$\begin{array}{r} 61 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 51 \\ \times 2 \\ \hline \end{array}$

$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$

$\begin{array}{r} 82 \\ \times 4 \\ \hline \end{array}$

$\begin{array}{r} 13 \\ \times 3 \\ \hline \end{array}$

4. $\begin{array}{r} 72 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 43 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 23 \\ \times 3 \\ \hline \end{array}$

$\begin{array}{r} 34 \\ \times 2 \\ \hline \end{array}$

$\begin{array}{r} 93 \\ \times 2 \\ \hline \end{array}$

Lesson 3 Division (facts through $27 \div 3$)

$$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array} \quad \begin{array}{c} \xrightarrow{\quad} \\ \xrightarrow{\quad} \\ \xrightarrow{\quad} \end{array} \begin{array}{r} 3 \\ 2 \overline{) 6} \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array} \quad \begin{array}{c} \xrightarrow{\quad} \\ \xrightarrow{\quad} \\ \xrightarrow{\quad} \end{array} \begin{array}{r} 4 \\ 3 \overline{) 12} \\ \hline \end{array}$$

If $2 \times 3 = 6$, then $6 \div 2 = 3$.If $3 \times 4 = 12$, then _____ $\div 3 =$ _____.

Divide as shown.

*a**b*

1. $\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array} \quad 2 \overline{) 10}$

$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array} \quad 3 \overline{) 18}$

2. $\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array} \quad 2 \overline{) 14}$

$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array} \quad 3 \overline{) 24}$

3. $\begin{array}{r} 1 \\ \times 2 \\ \hline 2 \end{array} \quad 2 \overline{) 2}$

$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array} \quad 3 \overline{) 9}$

4. $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array} \quad 2 \overline{) 16}$

$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad 3 \overline{) 27}$

Divide.

*a**b**c**d*

5. $3 \overline{) 15}$

$2 \overline{) 6}$

$3 \overline{) 3}$

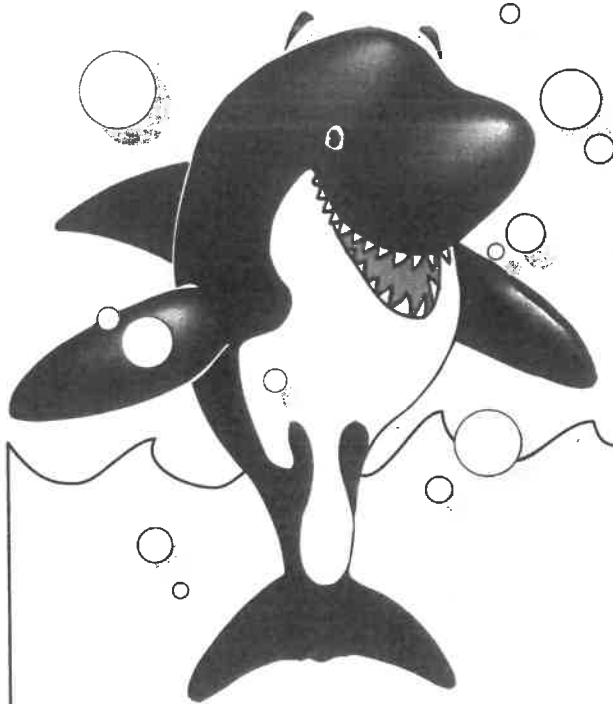
$3 \overline{) 6}$

6. $3 \overline{) 21}$

$2 \overline{) 18}$

$2 \overline{) 8}$

$2 \overline{) 12}$



**Do You
Remember?**

$$3 \overline{)9}$$

$$5 \overline{)15}$$

$$7 \overline{)63}$$

$$2 \overline{)18}$$

$$4 \overline{)24}$$

$$6 \overline{)36}$$

$$9 \overline{)18}$$

$$1 \overline{)8}$$

$$8 \overline{)32}$$

$$3 \overline{)27}$$

$$6 \overline{)30}$$

$$4 \overline{)36}$$

$$7 \overline{)14}$$

$$2 \overline{)12}$$

$$5 \overline{)35}$$

$$8 \overline{)40}$$

$$1 \overline{)9}$$

$$9 \overline{)72}$$

$$3 \overline{)21}$$

$$6 \overline{)18}$$

$$2 \overline{)16}$$

$$7 \overline{)28}$$

$$9 \overline{)45}$$

$$5 \overline{)25}$$

$$4 \overline{)32}$$

$$8 \overline{)24}$$

$$5 \overline{)15}$$

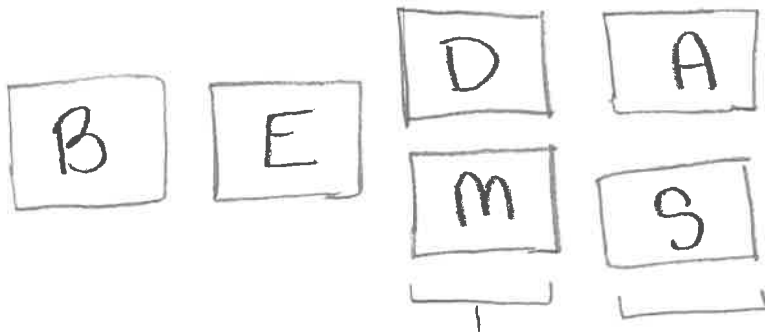
$$9 \overline{)36}$$

name:

Date:

Rules for BEDMAS

B	Brackets:	() and []	Do round brackets first, square brackets second
E	Exponents:	3^3 or 7^2 or x^5 or m^2	- the small numbers are exponents
D	Division:	$\div$ $\searrow$	$\rightarrow$ Do whichever comes first in the equation
M	Multiplication	$\times$ $\nearrow$	
A	Addition	$+$ $\searrow$	$\rightarrow$ Do whichever comes first in the equation
S	Subtraction	$-$ $\nearrow$	



examples:

① $36 \div (3 \times 4) + 7 = 10$

② $24 - 2 \times 12 + 19 = 19$

CHAPTER 2 - NUMBER EXPRESSIONS

2.1 ORDER OF OPERATIONS (BEDMAS)

Centuries ago, it was decided by mathematicians from all over the world that all nations must follow the same rules when calculating number questions. This was decided so that all answers for the same questions from different countries would be the same. The rules, or **ORDER OF OPERATIONS** that these mathematicians decided to follow are as follows:

1. Do the calculations appearing in the **parentheses** first.
2. Do any calculations that involve **exponents** next.
3. Calculate the **multiplication** and **division** next.
4. Do the **addition** and **subtraction** last.

One method we use to remember the order in which we do mathematical operations is to use the acronym (first letter of each word) **BEDMAS** as shown in the chart below.

B	E	D	M	A	S
BRACKETS	EXPONENTS	DIVIDE	MULTIPLY	ADD	SUBTRACT

The examples below show the procedure followed solving questions involving multiple operations.

1. If **addition** and **subtraction** occur in the same expression, perform the operations in the order in which they occur.

EXAMPLE: $11 + 4 - 5 + 2$
 $15 - 5 + 2$
 $10 + 2 = 12$

2. If **multiplication** and **addition** or **subtraction** occur together, perform the operation of multiplication first.

EXAMPLE: $16 + 3 \times 4 - 2 \times 3 + 3$
 $16 + 12 - 6 + 3$
 $28 - 6 + 3$
 $22 + 3 = 25$

3. If **division** and **addition** or **subtraction** occur together, perform the operation of division first.

EXAMPLE: $9 + 16 \div 4 - 2$
 $9 + 4 - 2$
 $13 - 2 = 11$

4. If **multiplication**, **division**, **addition** or **subtraction** occur together, first perform the multiplication and division in the order they occur and then perform the **addition** and **subtraction**.

EXAMPLE: $6 \times 4 \div 8 + 5$
 $24 \div 8 + 5$
 $3 + 5 = 8$

5. If **brackets** occur in a number expression, perform whatever operation is enclosed in the brackets first, then follow the rules above.

EXAMPLE: $12 \div (9 - 5) \times 2$
 $12 \div 4 \times 2$
 $3 \times 2 = 6$

6. If a **line** such as we use in division or fractions occurs in a number expression, evaluate the numerator (top part) and the denominator (bottom part) before dividing.

EXAMPLE: $\frac{7 \times 4 + 2}{2 + 3 \div 3} = \frac{30}{3} = 10$

Name-_____

Date-_____

Order of Operations

$$49 \div (11 - 4) = 7$$

$$10 + 3 \times 14 - 6 = 46$$

$$56 \div 8 \times 4 \div 2 = 14$$

$$15 + 21 \div 3 - 3 = 19$$

$$63 \div (7 - 4) + 99 = 120$$

$$10 - 1 + 10 - 1 = 18$$

$$14 \div 2 \times 3 = 21$$

$$19 + 36 - 15 \times 3 = 10$$

$$36 \div (3 \times 3) + 4 = 8$$

$$6 \times 3 + 5 \times 6 = 48$$

$$18 - 2 \times 9 + 15 = 15$$

$$19 + 36 - 15 \times 3 = 10$$

Name-_____

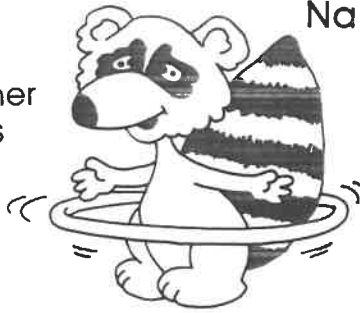
Date-_____

Order of Operations

$56 \div 8 \times 4 \div 2$	$5 + 3 \times 2 - 4$	$(16 + 7) \times (9 - 3) + 10$
$(10 + 26 - 6) \div 10 - 2$	$9 \times (4 \times 10 - 4) + 5$	$5 \times 4 \div 2 \times 3$
$19 + 36 - 15 \times 3$	$(17 + 5) \times (12 + 2) + 5$	$(8 + 3) + (8 + 16 \div 4)$
$3 \times (9 \times 3 + 9) - 4$	$(9 + 43 - 4) \div 24 + 4$	$7 - 2 + 18 - 3$

Equations

Show your work on another sheet. Write your answers here.



Name _____

Total Problems 50
Problems Correct _____

1. $5 + 6 - 4 =$
2. $3 \times 4 \div 3 =$
3. $32 \div 8 + 3 =$
4. $40 \div 8 - 2 =$
5. $6 + 8 \times 3 =$
6. $14 + 12 - 6 =$
7. $2 \times 9 + 4 =$
8. $8 \times 8 + 6 =$
9. $5 + 8 \div 2 =$
10. $6 + 6 \div 6 =$
11. $45 \div 5 \times 3 =$
12. $9 + 7 - 10 =$
13. $15 \times 2 \div 3 =$
14. $3 \times 7 - 1 =$
15. $18 \div 9 \times 8 =$
16. $36 \div 9 + 8 =$
17. $21 \div 7 + 6 =$
18. $7 + 8 - 8 =$
19. $9 + 6 - 12 =$
20. $12 + 7 - 8 =$
21. $56 \div 8 + 4 =$
22. $64 \div 8 + 5 =$
23. $14 + (2 \times 8) =$
24. $(7 + 9) \div 2 =$
25. $15 \div 3 \times 2 =$
26. $(5 + 3) \times 3 =$
27. $15 - 7 + 3 =$
28. $(3 + 7) \times 2 \div 10 =$
29. $6 + 8 \div 2 =$
30. $3 \times (5 + 6) =$
31. $12 \times 2 + 2 =$
32. $15 + 3 \times 2 =$
33. $14 - (8 - 2) - 1 =$
34. $16 - (10 - 4) =$
35. $(14 + 6) \div 5 =$
36. $(3 + 2) \times (4 + 6) =$
37. $12 \times (3 + 2) =$
38. $9 \times (15 - 7) =$
39. $6 \times (4 + 5) =$
40. $3 + 6 \times 2 + 5 =$
41. $8 + 4 \times 5 =$
42. $6 \times 8 + 2 =$
43. $30 + 16 \times 2 =$
44. $3 \times (9 + 2) =$
45. $52 - (5 + 3) =$
46. $64 \div 8 \times 3 =$
47. $25 - (3 + 8) =$
48. $21 \div (3 + 4) =$
49. $12 + 32 \div 4 =$
50. $16 + (4 \times 3) =$



With practice, you can do it!

Equations

Name _____

Show your work on another sheet. Write your answers here.

Total Problems 50

Problems Correct _____

1. $2 + 7 - 3 =$

2. $16 \div 4 + 3 =$

3. $4 + 6 - 7 =$

4. $2 \times 6 \div 3 =$

6. $10 - 7 + 6 =$

7. $36 \div 6 + 4 =$

9. $5 \times 5 - 5 =$

10. $12 \div 4 + 7 =$

12. $13 + 6 - 7 =$

13. $14 \div 2 \times 3 =$

15. $(16 + 9) \div 5 =$

16. $9 \times 4 \div 6 =$

18. $5 + 5 \times 3 =$

19. $6 \times 6 \div 12 =$

21. $6 + 12 \div 2 =$

22. $9 \times 3 + 4 =$

24. $64 \div 8 + 9 =$

25. $16 \div 2 + 9 =$

27. $16 + 18 - 8 =$

28. $14 - 7 + 3 =$

30. $24 \div 6 \times 7 =$

31. $32 \div 8 \times 5 =$

33. $9 \times 9 + 6 =$

34. $13 + 5 - 7 =$

36. $7 + (3 \times 9) =$

37. $6 + (2 \times 4) =$

39. $9 + 9 \times 2 =$

40. $6 \times 3 + 4 =$

42. $16 + 18 - 7 =$

43. $(60 \div 5) \div 4 =$

45. $9 \times 9 + 12 =$

46. $32 \div 4 - 3 =$

5. $6 \times 4 \div 12 =$

8. $7 \times 4 + 2 =$

11. $6 + 9 - 3 =$

14. $4 + 8 - 7 =$

17. $3 \times 9 - 17 =$

20. $12 + 7 - 9 =$

23. $9 + 6 - 8 =$

26. $18 \div 2 \times 3 =$

29. $6 \times 7 - 6 =$

32. $16 + 4 \div 2 =$

35. $15 \div 3 \times 2 =$

38. $(4 + 8) \div 2 =$

41. $(9 + 16) \div 5 =$

44. $36 + (4 \times 8) =$

47. $12 \div 3 \times 9 =$

Success ahoy! Just practice!



Secret Spring Code

** Expressions **

Directions: Solve each expression below. Then, once each letter has a numerical value, write the letter above the number.
Your code should spell a Secret Spring Code!

A	$(6 + 3) - 5$	_____
B	$(10 \times 2) - 10$	_____
C	$16 \div (56 \div 7)$	_____
D	$30 \div (15 - 10)$	_____
E	$(32 \div 8) \div 4$	_____
F	$41 - (13 \times 2)$	_____
G	$29 - (48 \div 4)$	_____
H	$(8 + 1) \times 3$	_____
I	$(77 \div 7) \times 3$	_____
J	$33 \div (20 - 9)$	_____
K	$(5 + 15) \times 2$	_____
L	$103 - (9 \times 9)$	_____
M	$(15 \times 1) \div 3$	_____

N	$(19 \times 5) \div 5$	_____
O	$44 \div (16 - 12)$	_____
P	$(72 \div 9) \times 2$	_____
Q	$12 \times (4 \div 2)$	_____
R	$(81 \div 9) - 9$	_____
S	$144 \div (3 \times 4)$	_____
T	$(3 + 1) \times 8$	_____
U	$(5 + 5) \times 3$	_____
V	$27 - (108 \div 12)$	_____
W	$35 \div (45 \div 9)$	_____
X	$120 - (10 \times 10)$	_____
Y	$30 + (9 - 4)$	_____
Z	$(63 \div 7) \times 4$	_____

4 16 0 33 22 12 27 11 7 1 0 12

10 0 33 19 17 5 4 35 15 22 11 7 1 0 12

4 19 6 1 18 1 0 35 32 27 33 19 17 12

33 19 10 22 11 11 5