

# Oral Facts Beginning Addition A

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** GOAL: 10 seconds one way on a column & 35 seconds for the whole page

ONES	TWOS	THREES
+   =	1+2=	1+3=
3+1=	3+2=	3+3=
7+1=	7+2=	7+3=
2+1=	2+2=	2+3=
9+1=	9+2=	9+3=
5+1=	5+2=	5+3=
6+1=	6+2=	6+3=
4+1=	4+2=	4+3=
8+1=	8+2=	8+3=



## Beginning Addition A - Answers

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** GOAL: 10 seconds one way on a column & 35 seconds for the whole page

ONES	TWOS	THREES
1+1=2	1+2=3	1+3=4
3+1=4	3+2=5	3+3=6
7+1=8	7+2=9	7+3=10
2+1=3	2+2=4	2+3=5
9+1=10	9+2=11	9+3=12
5+1=6	5+2=7	5+3=8
6+1=7	6+2=8	6+3=9
4+1=5	4+2=6	4+3=7
8+1=9	8+2=10	8+3=11



# Oral Facts Beginning Addition B

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** GOAL: 10 seconds one way on a column & 1 min for the whole page

ONES	TWOS	THREES	FOURS	FIVES
+   =	1+2=	1+3=	1+4=	1+5=
3+1=	3+2=	3+3=	3+4=	3+5=
7+1=	7+2=	7+3=	7+4=	7+5=
2+1=	2+2=	2+3=	2+4=	2+5=
9+1=	9+2=	9+3=	9+4=	9+5=
5+1=	5+2=	5+3=	5+4=	5+5=
6+1=	6+2=	6+3=	6+4=	6+5=
4+1=	4+2=	4+3=	4+4=	4+5=
8+1=	8+2=	8+3=	8+4=	8+5=



## Beginning Addition B - Answers

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** GOAL: 10 seconds one way on a column & 1 min for the whole page

ONES	TWOS	THREES	FOURS	FIVES
1+1=2	1+2=3	1+3=4	1+4=5	1+5=6
3+1=4	3+2=5	3+3=6	3+4=7	3+5=8
7+1=8	7+2=9	7+3=10	7+4=11	7+5=12
2+1=3	2+2=4	2+3=5	2+4=6	2+5=7
9+1=10	9+2=1	9+3=12	9+4=13	9+5=14
5+1=6	5+2=7	5+3=8	5+4=9	5+5= <b>10</b>
6+1=7	6+2=8	6+3=9	6+4=10	6+5=11
4+1=5	4+2=6	4+3=7	4+4=8	4+5=9
8+1=9	8+2=10	8+3=1	8+4=12	8+5= <b>13</b>



#### Addition

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

ONES	TWOS	THREES	FOURS	FIVES
+ =	1+2=	1+3=	1+4=	1+5=
3+1=	3+2=	3+3=	3+4=	3+5=
7+1=	7+2=	7+3=	7+4=	7+5=
2+1=	2+2=	2+3=	2+4=	2+5=
9+1=	9+2=	9+3=	9+4=	9+5=
5+1=	5+2=	5+3=	5+4=	5+5=
6+1=	6+2=	6+3=	6+4=	6+5=
4+1=	4+2=	4+3=	4+4=	4+5=
8+1=	8+2=	8+3=	8+4=	8+5=
	/		1. /	
			1/	
SIXES	SEVENS	EIGHTS	NINES	TENS
SIXES   +6=	SEVENS 1+7=	EIGHTS   +8=	NINES 1 + 9 =	TENS   +  0 =
			7 /	
1+6=	1+7=	1+8=	1+9=	1+10=
1+6= 3+6=	1+7= 3+7=	1+8=	1+9=3+9=	1 + IO = 3 + IO =
1+6= 3+6= 7+6=	1+7= 3+7= 7+7=	1+8= 3+8= 7+8=	1+9= 3+9= 7+9=	1 + 10 = 3 + 10 = 7 + 10 =
1+6= 3+6= 7+6= 2+6=	1+7= 3+7= 7+7= 2+7=	1+8= 3+8= 7+8= 2+8=	1+9= 3+9= 7+9= 2+9=	1 + 10 = 3 + 10 = 7 + 10 = 2 + 10 =
1+6= 3+6= 7+6= 2+6= 9+6=	1+7= 3+7= 7+7= 2+7= 9+7=	1+8= 3+8= 7+8= 2+8= 9+8=	1+9= 3+9= 7+9= 2+9= 9+9=	1+10= 3+10= 7+10= 2+10= 9+10=
1+6= 3+6= 7+6= 2+6= 9+6= 5+6=	1+7= 3+7= 7+7= 2+7= 9+7= 5+7=	1+8= 3+8= 7+8= 2+8= 9+8= 5+8=	1+9= 3+9= 7+9= 2+9= 9+9= 5+9=	1+10= 3+10= 7+10= 2+10= 9+10= 5+10=



#### Addition - Answers

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

ONES	TWOS	THREES	FOURS	FIVES
1+1=2	1+2=3	1+3=4	1+4=5	1+5=6
3+1=4	3+2=5	3+3=6	3+4=7	3+5=8
7+1=8	7+2=9	7+3=10	7+4=11	7+5=12
2+1=3	2+2=4	2+3=5	2+4=6	2+5=7
9+1=10	9+2=11	9+3=12	9+4=13	9+5=14
5+1=6	5+2=7	5+3=8	5+4=9	5+5=10
6+1=7	6+2=8	6+3=9	6+4=10	6+5=11
4+1=5	4+2=6	4+3=7	4+4=8	4+5=9
8+1=9	8+2=10	8+3=11	8+4=12	8+5=13
	1			
SIXES	SEVENS	EIGHTS	NINES	TENS
SIXES 1+6=7	SEVENS 1+7=8	EIGHTS 1+8=9	NINES 1+9=10	TENS   + 10 =
1+6=7	1+7=8	1+8=9	1+9=10	1 + 10 = 11
1+6=7 3+6=9	1+7=8 3+7=10	1+8=9 3+8=1	1+9=10 3+9=12	1 + 10 = 11 3 + 10 = 13
1+6=7 3+6=9 7+6=13	1+7=8 3+7=10 7+7=14	1+8=9 3+8=11 7+8=15	1+9=10 3+9=12 7+9=16	1 + 10 = 11 3 + 10 = 13 7 + 10 = 17
1+6=7 3+6=9 7+6=13 2+6=8	1+7=8 3+7=10 7+7=14 2+7=9	1+8=9 3+8=11 7+8=15 2+8=10	1+9=10 3+9=12 7+9=16 2+9=11	1 + 10 = 11 3 + 10 = 13 7 + 10 = 17 2 + 10 = 12
1+6=7 3+6=9 7+6=13 2+6=8 9+6=15 5+6=11 6+6=12	1+7=8 3+7=10 7+7=14 2+7=9 9+7=16	1+8=9 3+8=11 7+8=15 2+8=10 9+8=17	1+9=10 3+9=12 7+9=16 2+9=11 9+9=18	1 + 10 = 11 3 + 10 = 13 7 + 10 = 17 2 + 10 = 12 9 + 10 = 19
1+6=7 3+6=9 7+6=13 2+6=8 9+6=15 5+6=11	1+7=8 3+7=10 7+7=14 2+7=9 9+7=16 5+7=12	1+8=9 3+8=11 7+8=15 2+8=10 9+8=17 5+8=13	1+9=10 3+9=12 7+9=16 2+9=11 9+9=18 5+9=14	1+10=11 3+10=13 7+10=17 2+10=12 9+10=19 5+10=15



#### Subtraction

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

ONES	TWOS	THREES	FOURS	FIVES
10 -1=	10-2=	10-3=	10 - 4 =	10-5=
3-1=	3-2=	11-3=	11-4=	11-5=
7-1=	7-2=	7-3=	7-4=	7-5=
2-1=	11-2=	12-3=	12-4=	12-5=
9-1=	9-2=	9-3=	9-4=	9-5=
5-1=	5-2=	5-3=	5-4=	13-5=
6-1=	6-2=	6-3=	6-4=	6-5=
4-1=	4-2=	4-3=	13 - 4 =	14-5=
8-1=	8-2=	8-3=	8-4=	8-5=
SIXES	SEVENS	EIGHTS	NINES	TENS
SIXES 10 - 6 =	SEVENS IO - 7 =	EIGHTS IO - 8 =	NINES 10 - 9 =	TENS 11-10=
			7 /	
10-6=	10-7=	10-8=	10 -9=	11-10=
10-6= 11-6=	10-7= 11-7=	10-8=	10 -9=	11-10=
10-6= 11-6= 7-6=	10-7= 11-7= 16-7=	10-8= 11-8= 17-8=	10 - 9 = 11 - 9 = 18 - 9 =	
10-6= 11-6= 7-6= 12-6=	10-7= 11-7= 16-7= 12-7=	10-8= 11-8= 17-8= 12-8=	10 - 9 = 11 - 9 = 18 - 9 = 12 - 9 =	11-10 = 13-10 = 17-10 = 12-10 =
10-6= 11-6= 7-6= 12-6= 9-6=	10-7= 11-7= 16-7= 12-7= 9-7=	10-8= 11-8= 17-8= 12-8= 9-8=	10 - 9 = 11 - 9 = 18 - 9 = 12 - 9 = 16 - 9 =	11-10 = 13-10 = 17-10 = 12-10 = 19-10 =
10-6= 11-6= 7-6= 12-6= 9-6= 13-6=	10-7= 11-7= 16-7= 12-7= 9-7= 13-7=	10-8= 11-8= 17-8= 12-8= 9-8= 13-8=	10 - 9 = 11 - 9 = 18 - 9 = 12 - 9 = 16 - 9 = 13 - 9 =	11-10 = 13-10 = 17-10 = 12-10 = 15-10
10-6= 11-6= 7-6= 12-6= 9-6= 13-6= 15-6=	10-7= 11-7= 16-7= 12-7= 9-7= 13-7= 15-7=	10 - 8 = 17 - 8 = 12 - 8 = 13 - 8 = 15 - 8 =	10 - 9 = 11 - 9 = 18 - 9 = 12 - 9 = 16 - 9 = 15	11-10 = 13-10 = 17-10 = 12-10 = 15-10 = 16-10 = 15-10 = 16-10 = 15-10



#### Subtraction - Answers

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

ONES	TWOS	THREES	FOURS	FIVES
10-1=9	10-2=8	10-3=7	10 - 4 = 6	10-5=5
3-1=2	3-2=1	11-3=8	11-4=7	11-5=6
7-1=6	7-2=5	7-3=4	7-4=3	7-5=2
2-1=1	11-2=9	12-3=9	12-4=8	12-5=7
9-1=8	9-2=7	9-3=6	9-4=5	9-5=4
5-1=4	5-2=3	5-3=2	5-4=1	13-5=8
6-1=5	6-2=4	6-3=3	6-4=2	6-5=1
4-1=3	4-2=2	4-3=1	13-4=9	14-5=9
8-1=7	8-2=6	8-3=5	8-4=4	8-5=3
SIXES	SEVENS	EIGHTS	NINES	TENS
10-6=4	10-7=3	10-8=2	10-9=1	11-10=1
11-6=5	11-7=4	11-8=3	11-9=2	13-10=3
7-6=1	16-7=9	17-8=9	18-9=9	17-10=7
12-6=6	12-7=5	12-8=4	12-9=3	12-10=2
9-6=3	9-7=2	9-8=	16-9=7	19-10=9
13-6=7	13 - 7 = 6	13-8=5	13-9=4	15-10=5
15-6=9	15-7=8	15-8=7	15-9=6	16-10=6
14-6=8	14-7=7	14-8=6	14-9=5	14-10=4
8-6=2	8-7=1	16-8=8	17-9=8	18 - 10 = 8



FOURS

THREES

 $8 \times 9 =$ 

 $\| \times 9 =$ 

## Oral Facts

### Multiplication

**TWOS** 

8x7 = 8x8 =

11 x 8 =

 $11 \times 7 =$ 

ONES

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

**GOAL**: 15 seconds one way on a column & 3 min for the whole page

FIVES

SIXES

10 x l =	10 x 2 =	10 × 3 =	10 × 4 =	10 x 5 =	10 × 6 =
3 x l =	3×2=	3×3=	3×4=	3×5=	3×6=
7 × 1 =	7×2=	7×3=	7×4=	7×5=	7×6=
2 x l =	2×2=	2×3=	2×4=	2×5=	2×6=
9 x l =	9×2=	9×3=	9×4=	9×5=	9×6=
12 x l =	12×2=	12 x 3 =	12×4=	12×5=	12×6=
5 x l =	5×2=	5×3=	5×4=	5×5=	5×6=
6 x l =	6×2=	6×3=	6×4=	6×5=	6×6=
4 x l =	4×2=	4×3=	4×4=	4×5=	4×6=
8 x l =	8×2=	8x3=	8×4=	8×5=	8×6=
×   =	11×2=	11×3=	11×4=	11×5=	11×6=
			/ //		
SEVENS	EIGHTS	NINES	TENS	ELEVENS	TWELVES
SEVENS 10 x 7 =	EIGHTS IO x 8 =	NINES IO x 9 =	TENS IO x IO =	ELEVENS 10 x 11 =	TWELVES 10 x 12 =
				7 - 1 - 1 - 1	
10 x 7 =	10 x 8 =	10 x 9 =	10 x 10 =	10 × 11 =	10 x 12 =
10 x 7 = 3 x 7 =	10 x 8 = 3 x 8 =	10 x 9 = 3 x 9 =	10 x 10 = 3 x 10 =	10 x    =	10 x 12 = 3 x 12 =
10 x 7 = 3 x 7 = 7 x 7=	10 x 8 = 3 x 8 = 7 x 8 =	10 x 9 = 3 x 9 = 7 x 9 =	10 x 10 = 3 x 10 = 7 x 10 =	10 x    = 3 x    = 7 x    =	10 x 12 = 3 x 12 = 7 x 12 =
10 x 7 = 3 x 7 = 7 x 7 = 2 x 7 =	10 x 8 = 3 x 8 = 7 x 8 = 2 x 8 =	10 x 9 = 3 x 9 = 7 x 9 = 2 x 9 =	$ 0 \times  0 =$ $3 \times  0 =$ $7 \times  0 =$ $2 \times  0 =$	O x    = 3 x    = 7 x    = 2 x    =	10 x 12 = 3 x 12 = 7 x 12 = 2 x 12 =
IO x 7 = 3 x 7 = 7 x 7 = 2 x 7 = 9 x 7 =	IO x 8 = 3 x 8 = 7 x 8 = 2 x 8 = 9 x 8 =	10 x 9 = 3 x 9 = 7 x 9 = 2 x 9 = 9 x 9 =	IO x IO = 3 x IO = 7 x IO = 2 x IO = 9 x IO =	O x    = 3 x    = 7 x    = 2 x    = 9 x    =	10 x 12 = 3 x 12 = 7 x 12 = 2 x 12 = 9 x 12 =
IO x 7 = 3 x 7 = 7 x 7 = 2 x 7 = 9 x 7 = 12 x 7 =	IO x 8 = 3 x 8 = 7 x 8 = 2 x 8 = 9 x 8 = 12 x 8 =	10 x 9 = 3 x 9 = 7 x 9 = 2 x 9 = 9 x 9 = 12 x 9 =	$ 0 \times  0 =$ $3 \times  0 =$ $7 \times  0 =$ $2 \times  0 =$ $9 \times  0 =$ $ 2 \times  0 =$	0 x    = 3 x    = 7 x    = 2 x    = 9 x    =  2 x    =	10 x  2 = 3 x  2 = 7 x  2 = 2 x  2 = 9 x  2 =  2 x  2 =
IO x 7 = 3 x 7 = 7 x 7 = 2 x 7 = 9 x 7 = 12 x 7 = 5 x 7 =	IO x 8 = 3 x 8 = 7 x 8 = 2 x 8 = 9 x 8 = 12 x 8 = 5 x 8 =	10 x 9 = 3 x 9 = 7 x 9 = 2 x 9 = 12 x 9 = 5 x 9 =	$ 0 \times  0 =$ $3 \times  0 =$ $7 \times  0 =$ $2 \times  0 =$ $9 \times  0 =$ $ 2 \times  0 =$ $ 5 \times  0 =$	O x    = 3 x    = 7 x    = 2 x    = 9 x    =  2 x    = 5 x    =	10 x 12 = 3 x 12 = 7 x 12 = 2 x 12 = 9 x 12 = 12 x 12 = 5 x 12 =

8 x IO =

 $11 \times 10 =$ 

8 x 11 =

 $\| \times \| =$ 

8 x 12 =

 $11 \times 12 =$ 



**FOURS** 

## Oral Facts

#### Multiplication - Answers

THREES

**TWOS** 

ONES

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

**GOAL**: 15 seconds one way on a column & 3 min for the whole page

**FIVES** 

SIXES

0.120					O., 1O
10 × 1 = 10	$10 \times 2 = 20$	10 x 3 = 30	$10 \times 4 = 40$	$10 \times 5 = 50$	10×6=60
3×1=3	3×2=6	3×3=9	3×4=12	3×5=15	3×6=18
7×1=7	7×2=14	7×3=21	$7 \times 4 = 28$	7×5=35	7×6=42
2×1=2	2×2=4	2×3=6	2×4=8	2×5=10	2×6=12
9x1=9	9×2=18	9×3=27	$9 \times 4 = 36$	9×5 <b>=45</b>	9×6=54
12×1=12	12×2=24	12 x 3 = 36	$12 \times 4 = 48$	12×5=60	12×6=72
5×1=5	5x2=10	5×3=15	5×4=20	5×5=25	5×6=30
6x1=6	6×2=12	6×3=18	6×4=24	6×5=30	6×6=36
4 x 1 = 4	4×2=8	4×3=12	4×4=16	4×5=20	4×6=24
8×1=8	8×2=16	8×3=24	8×4=32	8×5=40	8×6=48
×   =	$11 \times 2 = 22$	11 × 3 = 33	$11 \times 4 = 44$	11×5=55	11×6=66
	FIOI ITO	AUAITO	TENO	FLEVENO	T\4/E \/E0
SEVENS	EIGHTS	NINES	TENS	ELEVENS	TWELVES
SEVENS 10×7=70	EIGHTS 10×8=80	NINES 10 × 9 = 90	TENS 10 × 10 = 100	ELEVENS 10 × 11 = 110	TWELVES 10 x 12 = 120
				7	
10 x 7 = 70	10 x 8 = 80	10 x 9 = 90	10 × 10 = 100	10 × 11 = 110	10 x 12 = 120
10×7=70 3×7=21	10 x 8 = 80 3 x 8 = 24	10 x 9 = 90 3 x 9 = 27	10 × 10 = 100	10 x 11 = 110 3 x 11 = 33	10 x 12 = 120 3 x 12 = 36
10×7=70 3×7=21 7×7=49	10 x 8 = 80 3 x 8 = 24 7 x 8 = 56	10 x 9 = 90 3 x 9 = 27 7 x 9 = 63	10 x 10 = 100 3 x 10 = 30 7 x 10 = 70	10 x 11 = 110 3 x 11 = 33 7 x 11 = 77	10 x 12 = 120 3 x 12 = 36 7 x 12 = 84
10×7=70 3×7=21 7×7=49 2×7=14	10 x 8 = 80 3 x 8 = 24 7 x 8 = 56 2 x 8 = 16	10 x 9 = 90 3 x 9 = 27 7 x 9 = 63 2 x 9 = 18	$10 \times 10 = 100$ $3 \times 10 = 30$ $7 \times 10 = 70$ $2 \times 10 = 20$	10 x 11 = 110 3 x 11 = 33 7 x 11 = 77 2 x 11 = 22	10 x 12 = 120 3 x 12 = 36 7 x 12 = 84 2 x 12 = 24
10×7=70 3×7=21 7×7=49 2×7=14 9×7=63	10 x 8 = 80 3 x 8 = 24 7 x 8 = 56 2 x 8 = 16 9 x 8 = 72	10 x 9 = 90 3 x 9 = 27 7 x 9 = 63 2 x 9 = 18 9 x 9 = 81	$10 \times 10 = 100$ $3 \times 10 = 30$ $7 \times 10 = 70$ $2 \times 10 = 20$ $9 \times 10 = 90$	10 x 11 = 110 3 x 11 = 33 7 x 11 = 77 2 x 11 = 22 9 x 11 = 99	10 x 12 = 120 3 x 12 = 36 7 x 12 = 84 2 x 12 = 24 9 x 12 = 108
10×7=70 3×7=21 7×7=49 2×7=14 9×7=63 12×7=84	10 x 8 = 80 3 x 8 = 24 7 x 8 = 56 2 x 8 = 16 9 x 8 = 72 12 x 8 = 96	10 x 9 = 90 3 x 9 = 27 7 x 9 = 63 2 x 9 = 18 9 x 9 = 81 12 x 9 = 108	$10 \times 10 = 100$ $3 \times 10 = 30$ $7 \times 10 = 70$ $2 \times 10 = 20$ $9 \times 10 = 90$ $12 \times 10 = 120$	10 x 11 = 110 3 x 11 = 33 7 x 11 = 77 2 x 11 = 22 9 x 11 = 99 12 x 11 = 132	10 x 12 = 120 3 x 12 = 36 7 x 12 = 84 2 x 12 = 24 9 x 12 = 108 12 x 12 = 144
10×7=70 3×7=21 7×7=49 2×7=14 9×7=63 12×7=84 5×7=35	10 x 8 = 80 3 x 8 = 24 7 x 8 = 56 2 x 8 = 16 9 x 8 = 72 12 x 8 = 96 5 x 8 = 40	10 x 9 = 90 3 x 9 = 27 7 x 9 = 63 2 x 9 = 18 9 x 9 = 81 12 x 9 = 108 5 x 9 = 45	$10 \times 10 = 100$ $3 \times 10 = 30$ $7 \times 10 = 70$ $2 \times 10 = 20$ $9 \times 10 = 90$ $12 \times 10 = 120$ $5 \times 10 = 50$	10 x II = 110 3 x II = 33 7 x II = 77 2 x II = 22 9 x II = 99 12 x II = 132 5 x II = 55	10 x 12 = 120 3 x 12 = 36 7 x 12 = 84 2 x 12 = 24 9 x 12 = 108 12 x 12 = 144 5 x 12 = 60
10×7=70 3×7=21 7×7=49 2×7=14 9×7=63 12×7=84 5×7=35 6×7=42	10 x 8 = 80 3 x 8 = 24 7 x 8 = 56 2 x 8 = 16 9 x 8 = 72 12 x 8 = 96 5 x 8 = 40 6 x 8 = 48	10 x 9 = 90 3 x 9 = 27 7 x 9 = 63 2 x 9 = 18 9 x 9 = 81 12 x 9 = 108 5 x 9 = 45 6 x 9 = 54	$10 \times 10 = 100$ $3 \times 10 = 30$ $7 \times 10 = 70$ $2 \times 10 = 20$ $9 \times 10 = 90$ $12 \times 10 = 120$ $5 \times 10 = 50$ $6 \times 10 = 60$	10 x II = 110 3 x II = 33 7 x II = 77 2 x II = 22 9 x II = 99 12 x II = 132 5 x II = 55 6 x II = 66	10 x 12 = 120 3 x 12 = 36 7 x 12 = 84 2 x 12 = 24 9 x 12 = 108 12 x 12 = 144 5 x 12 = 60 6 x 12 = 72
10×7=70 3×7=21 7×7=49 2×7=14 9×7=63 12×7=84 5×7=35 6×7=42 4×7=28	10 x 8 = 80 3 x 8 = 24 7 x 8 = 56 2 x 8 = 16 9 x 8 = 72 12 x 8 = 96 5 x 8 = 40 6 x 8 = 48 4 x 8 = 32	10 x 9 = 90 3 x 9 = 27 7 x 9 = 63 2 x 9 = 18 9 x 9 = 81 12 x 9 = 108 5 x 9 = 45 6 x 9 = 54 4 x 9 = 36	$10 \times 10 = 100$ $3 \times 10 = 30$ $7 \times 10 = 70$ $2 \times 10 = 20$ $9 \times 10 = 90$ $12 \times 10 = 120$ $5 \times 10 = 50$ $6 \times 10 = 60$ $4 \times 10 = 40$	10 x II = 110 3 x II = 33 7 x II = 77 2 x II = 22 9 x II = 99 12 x II = 132 5 x II = 55 6 x II = 66 4 x II = 44	10 x 12 = 120 3 x 12 = 36 7 x 12 = 84 2 x 12 = 24 9 x 12 = 108 12 x 12 = 144 5 x 12 = 60 6 x 12 = 72 4 x 12 = 48



#### Divison

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

**GOAL**: 15 seconds one way on a column & 3 min for the whole page

ONES	TWOS	THREES	FOURS	FIVES	SIXES
10 ÷ 1 =	10 ÷ 2 =	12÷3=	16 ÷ 4 =	10 ÷ 5 =	12 ÷ 6 =
3÷1=	22÷2=	24÷3=	8÷4=	20÷5=	24÷6=
7 ÷1=	14÷2=	18 ÷ 3 =	24 ÷ 4 =	30 ÷ 5 =	42÷6=
2÷1=	24 ÷ 2 =	27÷3=	36 ÷ 4 =	25 ÷ 5 =	60÷6=
9÷1=	20÷2=	9÷3=	48 ÷ 4 =	15 ÷ 5 =	54 ÷ 6 =
12÷1=	12 ÷ 2 =	30 ÷ 3 =	20 ÷ 4 =	35 ÷ 5 =	72÷6=
5÷1=	16 ÷ 2 =	21÷3=	32 ÷ 4 =	45 ÷ 5 =	30 ÷ 6 =
6 ÷1=	6÷2=	6÷3=	44 ÷ 4 =	50 ÷ 5 =	36 ÷ 6 =
4 ÷1=	4÷2=	33 ÷ 3 =	28 ÷ 4 =	60÷5=	18 ÷ 6 =
8÷1=	8÷2=	15 ÷ 3 =	8 ÷ 4 =	55 ÷ 5 =	48÷6=
÷   =	18 ÷ 2 =	36 ÷ 3 =	40 ÷ 4 =	40÷5=	66 ÷ 6 =
SEVENS	EIGHTS	NINES	TENS	ELEVENS	TWELVES
SEVENS 70 ÷ 7 =	EIGHTS 56 ÷ 8 =	NINES 81 ÷ 9 =	TENS 90 ÷ 10 =	ELEVENS 99 ÷ 11 =	TWELVES 96 ÷ 12 =
			7 /		
70 ÷ 7 =	56 ÷8 =	81 ÷ 9 =	90 ÷ 10 =	99 ÷ 11 =	96 ÷ 12 =
70 ÷ 7 = 21 ÷ 7 =	56 ÷8 = 24 ÷8 =	81 ÷ 9 = 108 ÷ 9 =	90 ÷ 10 = 60 ÷ 10 =	99 ÷    = 55 ÷    =	96 ÷ 12 = 60 ÷ 12 =
70 ÷ 7 = 21 ÷ 7 = 49 ÷ 7 =	56 ÷8 = 24 ÷8 = 72 ÷8 =	81 ÷ 9 = 108 ÷ 9 = 72 ÷ 9 =	90 ÷ 10 = 60 ÷ 10 = 80 ÷ 10 =	99 ÷    = 55 ÷    = 22 ÷    =	96 ÷  2 = 60 ÷  2 = 24 ÷  2 =
70 ÷ 7 = 21 ÷ 7 = 49 ÷ 7 = 14 ÷ 7 =	56 ÷ 8 = 24 ÷ 8 = 72 ÷ 8 = 80 ÷ 8 =	8  ÷ 9 = 108 ÷ 9 = 72 ÷ 9 = 90 ÷ 9 =	90 ÷ 10 = 60 ÷ 10 = 80 ÷ 10 = 100 ÷ 10 =	99 ÷    = 55 ÷    = 22 ÷    =   0 ÷    =	96 ÷  2 = 60 ÷  2 = 24 ÷  2 =  20 ÷  2 =
70 ÷ 7 = 21 ÷ 7 = 49 ÷ 7 = 14 ÷ 7 = 63 ÷ 7 =	56 ÷ 8 = 24 ÷ 8 = 72 ÷ 8 = 80 ÷ 8 = 64 ÷ 8 =	81 ÷ 9 = 108 ÷ 9 = 72 ÷ 9 = 90 ÷ 9 = 63 ÷ 9 =	90 ÷ 10 = 60 ÷ 10 = 80 ÷ 10 = 100 ÷ 10 = 50 ÷ 10 =	99 ÷    = 55 ÷    = 22 ÷    =   0 ÷    = 66 ÷    =	96 ÷  2 = 60 ÷  2 = 24 ÷  2 =  20 ÷  2 = 72 ÷  2 =
70 ÷ 7 = 21 ÷ 7 = 49 ÷ 7 = 14 ÷ 7 = 63 ÷ 7 = 84 ÷ 7 =	56 ÷ 8 = 24 ÷ 8 = 72 ÷ 8 = 80 ÷ 8 = 64 ÷ 8 = 16 ÷ 8 =	81 ÷ 9 = 108 ÷ 9 = 72 ÷ 9 = 90 ÷ 9 = 63 ÷ 9 = 18 ÷ 9 =	90 ÷ 10 = 60 ÷ 10 = 80 ÷ 10 = 100 ÷ 10 = 50 ÷ 10 = 30 ÷ 10 =	99 ÷    = 55 ÷    = 22 ÷    =   0 ÷    = 66 ÷    = 33 ÷    =	96 ÷  2 = 60 ÷  2 = 24 ÷  2 =  20 ÷  2 = 72 ÷  2 =  32 ÷  2 =
70 ÷ 7 = 21 ÷ 7 = 49 ÷ 7 = 14 ÷ 7 = 63 ÷ 7 = 84 ÷ 7 = 35 ÷ 7 =	56 ÷ 8 = 24 ÷ 8 = 72 ÷ 8 = 80 ÷ 8 = 64 ÷ 8 = 16 ÷ 8 = 32 ÷ 8 =	81 ÷ 9 = 108 ÷ 9 = 72 ÷ 9 = 90 ÷ 9 = 63 ÷ 9 = 18 ÷ 9 = 27 ÷ 9 =	90 ÷ 10 = 60 ÷ 10 = 80 ÷ 10 = 100 ÷ 10 = 50 ÷ 10 = 30 ÷ 10 = 70 ÷ 10 =	99 ÷    = 55 ÷    = 22 ÷    =   0 ÷    = 66 ÷    = 33 ÷    = 77 ÷    =	96 ÷  2 = 60 ÷  2 = 24 ÷  2 =  20 ÷  2 = 72 ÷  2 =  32 ÷  2 = 48 ÷  2 =
70 ÷ 7 = 21 ÷ 7 = 49 ÷ 7 = 14 ÷ 7 = 63 ÷ 7 = 84 ÷ 7 = 35 ÷ 7 = 42 ÷ 7 =	56 ÷ 8 = 24 ÷ 8 = 72 ÷ 8 = 80 ÷ 8 = 64 ÷ 8 = 16 ÷ 8 = 32 ÷ 8 = 40 ÷ 8 =	81 ÷ 9 = 108 ÷ 9 = 72 ÷ 9 = 90 ÷ 9 = 63 ÷ 9 = 18 ÷ 9 = 27 ÷ 9 = 36 ÷ 9 =	90 ÷ 10 = 60 ÷ 10 = 80 ÷ 10 = 100 ÷ 10 = 50 ÷ 10 = 30 ÷ 10 = 70 ÷ 10 = 110 ÷ 10 =	99 ÷    = 55 ÷    = 22 ÷    =   0 ÷    = 66 ÷    = 33 ÷    = 77 ÷    =   2  ÷    =	96 ÷  2 = 60 ÷  2 = 24 ÷  2 =  20 ÷  2 = 72 ÷  2 =  32 ÷  2 = 48 ÷  2 = 36 ÷  2 =



#### Divison - Answers

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

**GOAL**: 15 seconds one way on a column & 3 min for the whole page

ONES	TWOS	THREES	FOURS	FIVES	SIXES
10 ÷ 1 = 10	$10 \div 2 = 5$	12 ÷ 3 = 4	$16 \div 4 = 4$	$10 \div 5 = 2$	12 ÷ 6 = 2
3÷1=3	22 ÷ 2 =	24÷3=8	8÷4=2	20 ÷ 5 <b>= 4</b>	24÷6= <b>4</b>
7÷1=7	14÷2=7	18÷3=6	24÷4=6	30 ÷ 5 <b>= 6</b>	42÷6=7
2÷1=2	24÷2=12	27÷3=9	36 ÷ 4 <b>=</b> 9	25 ÷ 5 = <b>5</b>	60 ÷ 6 <b>= 10</b>
9 ÷ 1 = 9	20 ÷ 2 = 10	9÷3=3	48 ÷ 4 = 12	15 ÷ 5 <b>= 3</b>	54 ÷ 6 = 9
12 ÷1 = 12	12÷2=6	30 ÷ 3 = 10	20 ÷ 4 = 5	35 ÷ 5 = <b>7</b>	72÷6=12
5 ÷ 1 = 5	16 ÷ 2 = 8	21 ÷ 3 = 7	32 ÷ 4 = 8	45 ÷ 5 <b>= 9</b>	30 ÷ 6 = 5
6÷1=6	6÷2=3	6÷3=2	44 ÷ 4 = 11	50 ÷ 5 <b>= 10</b>	36 ÷ 6 = 6
4÷1=4	4÷2=2	33 ÷ 3 =	28 ÷ 4 = <b>7</b>	60÷5=12	18 ÷ 6 = 3
8÷1=8	8÷2=4	15 ÷ 3 = 5	8÷4=2	55 ÷ 5 =	48÷6= <b>8</b>
÷   =	18 ÷ 2 = 9	36 ÷ 3 = 12	40 ÷ 4 = 10	40÷5=8	66 ÷ 6 =
05.50	<b>5</b> 10. <b>5</b> 0			F1 F1 F1 10	
SEVENS	EIGHTS	NINES	TENS	ELEVENS	TWELVES
70 ÷ 7 = 10	56÷8=7	81 ÷ 9 <b>= 9</b>	90 ÷ 10 = 9	99 ÷ 11 = 9	96 ÷ 12 = 8
			/ /_		_
70 ÷ 7 = 10	56÷8=7	81 ÷ 9 <b>= 9</b>	90 ÷ 10 = 9	99 ÷ 11 = 9	96 ÷ 12 = 8
70 ÷ 7 = 10 21 ÷ 7 = 3	56÷8=7 24÷8=3	81 ÷ 9 = 9 108 ÷ 9 = 12	90 ÷ 10 = 9 60 ÷ 10 = 6	99 ÷ 11 = 9 55 ÷ 11 = 5	96 ÷ 12 = 8 60 ÷ 12 = 5
70÷7=10 21÷7=3 49÷7=7	56 ÷ 8 = 7 24 ÷ 8 = 3 72 ÷ 8 = 9	81÷9=9 108÷9=12 72÷9=8	90 ÷ 10 = 9 60 ÷ 10 = 6 80 ÷ 10 = 8	99 ÷ 11 = 9 55 ÷ 11 = 5 22 ÷ 11 = 2	96 ÷ 12 = 8 60 ÷ 12 = 5 24 ÷ 12 = 2
70÷7=10 21÷7=3 49÷7=7 14÷7=2	56 ÷ 8 = 7 24 ÷ 8 = 3 72 ÷ 8 = 9 80 ÷ 8 = 10	81÷9=9 108÷9=12 72÷9=8 90÷9=10	90 ÷ 10 = 9 60 ÷ 10 = 6 80 ÷ 10 = 8 100 ÷ 10 = 10	99 ÷ 11 = 9 55 ÷ 11 = 5 22 ÷ 11 = 2 110 ÷ 11 = 10	96 ÷ 12 = 8 60 ÷ 12 = 5 24 ÷ 12 = 2 120 ÷ 12 = 10
70÷7=10 21÷7=3 49÷7=7 14÷7=2 63÷7=9	56 ÷ 8 = 7 24 ÷ 8 = 3 72 ÷ 8 = 9 80 ÷ 8 = 10 64 ÷ 8 = 8	81÷9=9 108÷9=12 72÷9=8 90÷9=10 63÷9=7	90 ÷ 10 = 9 60 ÷ 10 = 6 80 ÷ 10 = 8 100 ÷ 10 = 10 50 ÷ 10 = 5	99 ÷    = 9 55 ÷    = 5 22 ÷    = 2   0 ÷    =  0 66 ÷    = 6	96 ÷ 12 = 8 60 ÷ 12 = 5 24 ÷ 12 = 2 120 ÷ 12 = 10 72 ÷ 12 = 6
70÷7=10 21÷7=3 49÷7=7 14÷7=2 63÷7=9 84÷7=12	56 ÷ 8 = 7 24 ÷ 8 = 3 72 ÷ 8 = 9 80 ÷ 8 = 10 64 ÷ 8 = 8 16 ÷ 8 = 2	81÷9=9 108÷9=12 72÷9=8 90÷9=10 63÷9=7 18÷9=2	90 ÷ 10 = 9 60 ÷ 10 = 6 80 ÷ 10 = 8 100 ÷ 10 = 10 50 ÷ 10 = 5 30 ÷ 10 = 3	99 ÷    = 9 55 ÷    = 5 22 ÷    = 2   0 ÷    =  0 66 ÷    = 6 33 ÷    = 3	96 ÷ 12 = 8 60 ÷ 12 = 5 24 ÷ 12 = 2 120 ÷ 12 = 10 72 ÷ 12 = 6 132 ÷ 12 = 11
70÷7=10 21÷7=3 49÷7=7 14÷7=2 63÷7=9 84÷7=12 35÷7=5	56÷8=7 24÷8=3 72÷8=9 80÷8=10 64÷8=8 16÷8=2 32÷8=4	81÷9=9 108÷9=12 72÷9=8 90÷9=10 63÷9=7 18÷9=2 27÷9=3	90 ÷ 10 = 9 60 ÷ 10 = 6 80 ÷ 10 = 8 100 ÷ 10 = 10 50 ÷ 10 = 5 30 ÷ 10 = 3 70 ÷ 10 = 7	99 ÷ II = 9 55 ÷ II = 5 22 ÷ II = 2 IIO ÷ II = IO 66 ÷ II = 6 33 ÷ II = 3 77 ÷ II = 7	96 ÷ 12 = 8 60 ÷ 12 = 5 24 ÷ 12 = 2 120 ÷ 12 = 10 72 ÷ 12 = 6 132 ÷ 12 = 11 48 ÷ 12 = 4
70÷7=10 21÷7=3 49÷7=7 14÷7=2 63÷7=9 84÷7=12 35÷7=5 42÷7=6	56÷8=7 24÷8=3 72÷8=9 80÷8=10 64÷8=8 16÷8=2 32÷8=4 40÷8=5	81÷9=9 108÷9=12 72÷9=8 90÷9=10 63÷9=7 18÷9=2 27÷9=3 36÷9=4	90 ÷ 10 = 9 60 ÷ 10 = 6 80 ÷ 10 = 8 100 ÷ 10 = 10 50 ÷ 10 = 5 30 ÷ 10 = 3 70 ÷ 10 = 7 110 ÷ 10 = 11	99 ÷ II = 9 55 ÷ II = 5 22 ÷ II = 2 IIO ÷ II = IO 66 ÷ II = 6 33 ÷ II = 3 77 ÷ II = 7 I2I ÷ II = II	96 ÷ 12 = 8 60 ÷ 12 = 5 24 ÷ 12 = 2 120 ÷ 12 = 10 72 ÷ 12 = 6 132 ÷ 12 = 11 48 ÷ 12 = 4 36 ÷ 12 = 3



## Higher Addition

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

ONES	TWOS	THREES	FOURS	FIVES
+ =	11 + 2 =	11 +3=	11+4=	11+5=
13+1=	13+2=	13+3=	13+4=	13+5=
17+1=	17+2=	17+3=	17+4=	17+5=
12+1=	12+2=	12+3=	12+4=	12+5=
19+1=	19+2=	19+3=	19+4=	19+5=
15+1=	15+2=	15+3=	15+4=	15+5=
16+1=	16+2=	16 + 3 =	16 + 4 =	16+5=
14+1=	14+2=	14+3=	14+4=	14+5=
18+1=	18+2=	18 + 3 =	18 + 4 =	18 + 5 =
			1:/	
SIXES	SEVENS	EIGHTS	NINES	TENS
SIXES 11 + 6 =	SEVENS 11 + 7 =	EIGHTS II +8=	NINES 11 + 9 =	TENS    +  0 =
11 + 6 =	11 + 7 =	11 +8=	11+9=	11 + 10 =
+6=  3+6=	+7 =  3 +7 =	+8 =  3 +8 =	+9=  3+9=	13+10=
+6 =    3 +6 =    7 +6 =	+7 =    3 +7 =    7 +7 =	+8 =    3 +8 =    7 +8 =	+9 =    3 +9 =    7 +9 =	+  0 =  3 +  0 =  7 +  0 =
+6 =    3 +6 =    7 +6 =    2 +6 =	+7 =	+8 =    3 +8 =    7 +8 =    2 +8 =	+9 =    3 +9 =    7 +9 =    2 +9 =	+  0 =    3 +  0 =
+6 =	+7 =	+8 =	+9 =	+  0 =    3 +  0 =
+6 =	+7 =	+8 =	+9 =	+  0 =    3 +  0 =



Higher Addition - Answers

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

ONES	TWOS	THREES	FOURS	FIVES
11 +1=12	11 +2=13	11 + 3 = 14	11 + 4 = 15	11+5=16
13+1=14	13+2=15	13+3=16	13+4=17	13+5=18
17+1=18	17+2=19	17+3=20	17+4=21	17+5=22
12+1=13	12+2=14	12+3=15	12+4=16	12+5=17
19+1=20	19+2=21	19+3=22	19+4=23	19+5=24
15+1=16	15+2=17	15+3=18	15 + 4 = 19	15+5=20
16+1=17	16+2=18	16+3=19	16+4=20	16+5=21
14+1=15	14+2=16	14+3=17	14 + 4 = 18	14+5=19
18+1=19	18+2=20	18+3=21	18+4=22	18+5=23
SIXES	SEVENS	EIGHTS	NINES	TENS
11 +6=17	11 +7=18	11 +8 = 19	11+9=20	11 + 10 = 21
13+6=19	13+7=20	13+8=21	13+9=22	13+10=23
17+6=23	17+7=24	17+8=25	17+9=26	17+10=27
12+6=18			1779-20	17 +10 - 27
.70	12+7=19	12+8=20	12+9=21	12+10=27
19+6=25	12+7=19 19+7=26			_
19+6=25 15+6=21		12+8=20	12+9=21	12+10=22
	19+7=26	12+8=20 19+8=27	12+9=21 19+9=28	12+10=22 19+10=29
15+6=21	19+7=26 15+7=22	12+8=20 19+8=27 15+8=23	12+9=21 19+9=28 15+9=24	12+10=22 19+10=29 15+10=25



## Higher Multiplication

Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

Thirteens	Fourteens	Fifteens	Sixteens
13 x 3 =	14 x 3 =	15 x 3 =	16 x 3 =
13×6=	14×6=	15 x 6 =	16×6=
13 x 2 =	14×2=	15 x 2 =	16 x 2 =
13 x 5 =	14 x 5 =	15 x 5 =	16 x 5 =
13 x 4 =	14 × 4 =	15 x 4 =	16 × 4 =
13 x 7 =	14×7=		
		>	
	Hint:		Hint:
	Double the		Double the
	multiples of 7		multiples of 8

Seventeens	Eighteens	Nineteens	Twenties
17×3=	18 x 3 =	19 x 3 =	20 x 3 =
17×2=	18 x 2 =	19×2=	20×6=
17 x 5 =	18 x 5 =	19 x 5 =	20 x 2 =
17 × 4 =	18 × 4 =	19 × 4 =	20 x 5 =
			20 × 4 =
	Hint:		20×7=
	Double the		20 x 8 =
	multiples of 9		20 x 9 =
			20 x 10 =



Go down one column and just say the answers out loud. Have someone listen to you to see if you are correct. Then go back up the column. Practice every day to be **FAST!** 

Higher Mult. - Answers GOAL: 10 seconds one way on a column & 1 min 45 sec for the whole page 1 min 45 sec for the whole page

Thirteens 13 x 3 = 39 13 x 6 = 78 13 x 2 = 26 13 x 5 = 65	Fourteens 14 × 3 = 42 14 × 6 = 84 14 × 2 = 28 14 × 5 = 70	Fifteens 15 × 3 = 45 15 × 6 = 90 15 × 2 = 30 15 × 5 = 75	Sixteens 16 x 3 = 48 16 x 6 = 96 16 x 2 = 32 16 x 5 = 80
13 x 4 = 52 13 x 7 = 91	14×4=56 14×7=98	15 × 4 = 60	16 x 4 = 64 Hint:
	Hint: Double the multiples of 7		Double the multiples of 8
Seventeens	Eighteens	Nineteens	Twenties
17×3=51	18 x 3 = 54	19 x 3 = 57	20 x 3 = 60
$17 \times 2 = 34$	18 x 2 = 36	$19 \times 2 = 38$	20×6=120
17×5=85	18 x 5 = 90	$19 \times 5 = 95$	20×2=40
17×4=68	$18 \times 4 = 72$	19×4=76	20 x 5 = 100
	I Co. L.		20 × 4 = 80
	Hint: Double the		20×7=140
	multiples of 9		20×8=160
			20×9=180
			20 × 10 = 200