FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

LONG ADDITION

Add by Regrouping

Objective: Add each column. When a column makes ten or more, carry the ten to the next column.

INSTRUCTION Add the ones first. If you get ten or more, write the ones digit and carry the ten above the next column.

EXAMPLE Follow the steps to solve it.

1 Add the ones

5 + 6 = 11
Write 1. Carry 1 into the tens.

```
   1
  9695
+ 5346
     1
```

2 Add the tens

1 + 9 + 4 = 14
Write 4. Carry 1 into the hundreds.

```
  1 1
  9695
+ 5346
    41
```

3 Add the hundreds

1 + 6 + 3 = 10
Write 0. Carry 1 into the thousands.

```
  1 1 1
  9695
+ 5346
   041
```

4 Add the thousands

1 + 9 + 5 = 15
Write 5. Carry 1 into the ten-thousands.

```
  1 1 1
  9695
+ 5346
 15041
```

5 Final answer

```
  1 1 1
  9695
+ 5346
 15041
```

9695 + 5346 = 15041
15041 is the sum!

INDEPENDENT PRACTICE Solve each one. Write the answer below the line.

1. 1873 + 5953 =
2. 3037 + 7544 =
3. 5815 + 6214 =
4. 1499 + 3781 =
5. 3153 + 7766 =
6. 5194 + 2834 =
7. 9809 + 4974 =
8. 5121 + 3090 =
9. 9863 + 1826 =
10. 2536 + 1672 =
11. 2614 + 3166 =
12. 1736 + 7734 =
13. 2314 + 6492 =
14. 1231 + 7933 =
15. 5258 + 5315 =
16. 8959 + 7541 =
17. 6494 + 5933 =
18. 8218 + 2591 =
19. 1982 + 5848 =
20. 3438 + 5885 =

I solved by: ○ lined up the columns ○ carried the ten ○ checked my work

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Name: _____

TEACHER EDITION

LONG ADDITION

Add by Regrouping

Objective: Add each column. When a column makes ten or more, carry the ten to the next column.

INSTRUCTION Add the ones first. If you get ten or more, write the ones digit and carry the ten above the next column.

EXAMPLE Follow the steps to solve it.

1 Add the ones

5 + 6 = 11
Write 1. Carry 1 into the tens.

```
   1
 9695
+5346
    1
```

2 Add the tens

1 + 9 + 4 = 14
Write 4. Carry 1 into the hundreds.

```
  11
 9695
+5346
   41
```

3 Add the hundreds

1 + 6 + 3 = 10
Write 0. Carry 1 into the thousands.

```
 111
 9695
+5346
  041
```

4 Add the thousands

1 + 9 + 5 = 15
Write 5. Carry 1 into the ten-thousands.

```
 111
 9695
+5346
15041
```

5 Final answer

```
 111
 9695
+5346
15041
```

9695 + 5346 = 15041
15041 is the sum!

INDEPENDENT PRACTICE Solve each one. Write the answer below the line.

1. 1873 + 5953 = 7826	2. 3037 + 7544 = 10581	3. 5815 + 6214 = 12029	4. 1499 + 3781 = 5280
5. 3153 + 7766 = 10919	6. 5194 + 2834 = 8028	7. 9809 + 4974 = 14783	8. 5121 + 3090 = 8211
9. 9863 + 1826 = 11689	10. 2536 + 1672 = 4208	11. 2614 + 3166 = 5780	12. 1736 + 7734 = 9470
13. 2314 + 6492 = 8806	14. 1231 + 7933 = 9164	15. 5258 + 5315 = 10573	16. 8959 + 7541 = 16500
17. 6494 + 5933 = 12427	18. 8218 + 2591 = 10809	19. 1982 + 5848 = 7830	20. 3438 + 5885 = 9323

I solved by: ○ lined up the columns ○ carried the ten ○ checked my work