

# MATH

# 1

Name \_\_\_\_\_

Date \_\_\_\_\_ *Clusters 1-5*

## FACTS

### CLUSTER 1

$$\begin{array}{r} 1 \quad 2 \\ +1 \quad -1 \\ \hline 2 \quad 1 \end{array}$$

### CLUSTER 2

$$\begin{array}{r} 1 \quad 2 \\ +2 \quad +1 \\ \hline 3 \quad 3 \\ 3 \quad 3 \\ -1 \quad -2 \\ \hline 2 \quad 1 \end{array}$$

### CLUSTER 3

$$\begin{array}{r} 1 \quad 3 \\ +3 \quad +1 \\ \hline 4 \quad 4 \\ 4 \quad 4 \\ -1 \quad -3 \\ \hline 3 \quad 1 \end{array}$$

### CLUSTER 4

$$\begin{array}{r} 1 \quad 4 \\ +4 \quad +1 \\ \hline 5 \quad 5 \\ 5 \quad 5 \\ -1 \quad -4 \\ \hline 4 \quad 1 \end{array}$$

### CLUSTER 5

$$\begin{array}{r} 1 \quad 5 \\ +5 \quad +1 \\ \hline 6 \quad 6 \\ 6 \quad 6 \\ -1 \quad -5 \\ \hline 5 \quad 1 \end{array}$$

$$\begin{array}{r} 15 \\ +21 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 21 \\ +13 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 11 \\ +15 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 45 \\ +11 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 34 \\ +11 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 14 \\ +41 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 31 \\ +12 \\ \hline 43 \end{array}$$

$$\begin{array}{r} 21 \\ +14 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 36 \\ -15 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 34 \\ -23 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 26 \\ -15 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 56 \\ -45 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 45 \\ -11 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 55 \\ -41 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 43 \\ -31 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 34 \\ -21 \\ \hline 13 \end{array}$$

# MATH

# 2

Name \_\_\_\_\_

Date \_\_\_\_\_ *CLUSTERS 3-7*

$$\begin{array}{r} 17 \\ +61 \\ \hline 78 \end{array}$$

$$\begin{array}{r} 11 \\ +34 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 64 \\ -13 \\ \hline 51 \end{array}$$

$$\begin{array}{r} 15 \\ +71 \\ \hline 86 \end{array}$$

$$\begin{array}{r} 17 \\ +51 \\ \hline 68 \end{array}$$

$$\begin{array}{r} 58 \\ -17 \\ \hline 41 \end{array}$$

$$\begin{array}{r} 14 \\ +51 \\ \hline 65 \end{array}$$

$$\begin{array}{r} 161 \\ +713 \\ \hline 874 \end{array}$$

$$\begin{array}{r} 75 \\ -14 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 31 \\ 14 \\ +11 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 351 \\ 116 \\ +111 \\ \hline 578 \end{array}$$

$$\begin{array}{r} 587 \\ -416 \\ \hline 171 \end{array}$$

$$\begin{array}{r} 684 \\ -513 \\ \hline 171 \end{array}$$

# FACTS

## CLUSTER 3

$$\begin{array}{r} 1 \quad 3 \\ +3 \quad +1 \\ \hline 4 \quad 4 \\ 4 \quad 4 \\ -1 \quad -3 \\ \hline 3 \quad 1 \end{array}$$

## CLUSTER 4

$$\begin{array}{r} 1 \quad 4 \\ +4 \quad +1 \\ \hline 5 \quad 5 \\ 5 \quad 5 \\ -1 \quad -4 \\ \hline 4 \quad 1 \end{array}$$

## CLUSTER 5

$$\begin{array}{r} 1 \quad 5 \\ +5 \quad +1 \\ \hline 6 \quad 6 \\ 6 \quad 6 \\ -1 \quad -5 \\ \hline 5 \quad 1 \end{array}$$

## CLUSTER 6

$$\begin{array}{r} 1 \quad 6 \\ +6 \quad +1 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -1 \quad -6 \\ \hline 8 \quad 1 \end{array}$$

## CLUSTER 7

$$\begin{array}{r} 1 \quad 7 \\ +7 \quad +1 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -1 \quad -7 \\ \hline 7 \quad 1 \end{array}$$

# MATH

3

Clusters 4-9

Name \_\_\_\_\_

Date \_\_\_\_\_

## CLUSTER 4

$$\begin{array}{r} 1 \quad 4 \\ +4 \quad +1 \\ \hline 5 \quad 5 \\ 5 \quad 5 \\ -1 \quad -4 \\ \hline 4 \quad 1 \end{array}$$

$$\begin{array}{r} 78 \\ -17 \\ \hline 61 \end{array}$$

## CLUSTER 9

$$\begin{array}{r} 1 \quad 9 \\ +9 \quad +1 \\ \hline 10 \quad 10 \\ 10 \quad 10 \\ -1 \quad -9 \\ \hline 9 \quad 1 \end{array}$$

$$\begin{array}{r} 65 \\ -51 \\ \hline 14 \end{array}$$

## CLUSTER 5

$$\begin{array}{r} 1 \quad 5 \\ +5 \quad +1 \\ \hline 6 \quad 6 \\ 6 \quad 6 \\ -1 \quad -5 \\ \hline 5 \quad 1 \end{array}$$

$$\begin{array}{r} 17 \\ +41 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 68 \\ -11 \\ \hline 57 \end{array}$$

$$\begin{array}{r} 14 \\ +91 \\ \hline 105 \end{array}$$

$$\begin{array}{r} 5 \quad 10 \\ 60 \\ -41 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 57 \\ +11 \\ \hline 68 \end{array}$$

$$\begin{array}{r} 56 \\ +11 \\ \hline 67 \end{array}$$

$$\begin{array}{r} 109 \\ -18 \\ \hline 91 \end{array}$$

$$\begin{array}{r} 81 \\ +16 \\ \hline 97 \end{array}$$

$$\begin{array}{r} 90 \\ -79 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 109 \\ +51 \\ \hline 160 \end{array}$$

$$\begin{array}{r} 91 \\ +17 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 59 \\ -41 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 411 \\ +158 \\ \hline 569 \end{array}$$

$$\begin{array}{r} 96 \\ -81 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 601 \\ +189 \\ \hline 790 \end{array}$$

## CLUSTER 6

$$\begin{array}{r} 1 \quad 6 \\ +6 \quad +1 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -1 \quad -6 \\ \hline 8 \quad 1 \end{array}$$

$$\begin{array}{r} 107 \\ -96 \\ \hline 11 \end{array}$$

## CLUSTER 7

$$\begin{array}{r} 1 \quad 7 \\ +7 \quad +1 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -1 \quad -7 \\ \hline 7 \quad 1 \end{array}$$

$$\begin{array}{r} 657 \\ -516 \\ \hline 141 \end{array}$$

## CLUSTER 8

$$\begin{array}{r} 1 \quad 8 \\ +8 \quad +1 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -1 \quad -8 \\ \hline 8 \quad 1 \end{array}$$

# MATH

4

Name \_\_\_\_\_

Date \_\_\_\_\_ *Clusters 6-10*

## FACTS

### CLUSTER 10

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

### CLUSTER 6

$$\begin{array}{r} 1 \quad 6 \\ +6 \quad +1 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -1 \quad -6 \\ \hline 8 \quad 1 \end{array}$$

### CLUSTER 7

$$\begin{array}{r} 1 \quad 7 \\ +7 \quad +1 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -1 \quad -7 \\ \hline 7 \quad 1 \end{array}$$

### CLUSTER 8

$$\begin{array}{r} 1 \quad 8 \\ +8 \quad +1 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -1 \quad -8 \\ \hline 8 \quad 1 \end{array}$$

### CLUSTER 9

$$\begin{array}{r} 1 \quad 9 \\ +9 \quad +1 \\ \hline 10 \quad 10 \\ 10 \quad 10 \\ -1 \quad -9 \\ \hline 9 \quad 1 \end{array}$$

$$\begin{array}{r} 72 \\ +12 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 89 \\ +11 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 94 \\ -12 \\ \hline 82 \end{array}$$

$$\begin{array}{r} 89 \\ -78 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 18 \\ +91 \\ \hline 109 \end{array}$$

$$\begin{array}{r} 81 \\ +16 \\ \hline 97 \end{array}$$

$$\begin{array}{r} 79 \\ -18 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 77 \\ -16 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 61 \\ +16 \\ \hline 77 \end{array}$$

$$\begin{array}{r} 121 \\ +927 \\ \hline 1048 \end{array}$$

$$\begin{array}{r} 108 \\ -17 \\ \hline 91 \\ 78 \\ -61 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 109 \\ -91 \\ \hline 18 \\ 108 \\ -11 \\ \hline 97 \end{array}$$

$$\begin{array}{r} 61 \\ 17 \\ +11 \\ \hline 89 \end{array}$$

$$\begin{array}{r} 161 \\ 816 \\ +111 \\ \hline 1088 \end{array}$$

$$\begin{array}{r} 104 \\ -92 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 44 \\ -22 \\ \hline 22 \end{array}$$

# MATH

5

Clusters 10-12

Name \_\_\_\_\_ Date \_\_\_\_\_

**CLUSTER 11**

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

$$\begin{array}{r} 34 \\ +22 \\ \hline 56 \end{array}$$

**CLUSTER 10**

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

$$\begin{array}{r} 22 \\ +44 \\ \hline 66 \end{array}$$

**CLUSTER 12**

$$\begin{array}{r} 2 \quad 4 \\ +4 \quad +2 \\ \hline 6 \quad 6 \\ 6 \quad 6 \\ -2 \quad -4 \\ \hline 4 \quad 2 \end{array}$$

$$\begin{array}{r} 23 \\ +42 \\ \hline 65 \end{array}$$

$$\begin{array}{r} 42 \\ +22 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 32 \\ +23 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 43 \\ +22 \\ \hline 65 \end{array}$$

$$\begin{array}{r} 23 \\ +22 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 64 \\ -22 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 45 \\ -22 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 65 \\ -43 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 56 \\ -34 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 56 \\ -22 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 322 \\ +242 \\ \hline 564 \end{array}$$

$$\begin{array}{r} 242 \\ +423 \\ \hline 665 \end{array}$$

$$\begin{array}{r} 423 \\ +232 \\ \hline 655 \end{array}$$

$$\begin{array}{r} 322 \\ +223 \\ \hline 545 \end{array}$$

$$\begin{array}{r} 224 \\ +342 \\ \hline 566 \end{array}$$

$$\begin{array}{r} 546 \\ -322 \\ \hline 224 \end{array}$$

$$\begin{array}{r} 564 \\ -222 \\ \hline 342 \end{array}$$

$$\begin{array}{r} 656 \\ -234 \\ \hline 422 \end{array}$$

$$\begin{array}{r} 656 \\ -432 \\ \hline 224 \end{array}$$

$$\begin{array}{r} 554 \\ -322 \\ \hline 232 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

$$\begin{array}{r} 52 \\ +27 \\ \hline 79 \end{array}$$

$$\begin{array}{r} 62 \\ +25 \\ \hline 87 \end{array}$$

$$\begin{array}{r} 76 \\ +22 \\ \hline 98 \end{array}$$

$$\begin{array}{r} 27 \\ +62 \\ \hline 89 \end{array}$$

$$\begin{array}{r} 22 \\ +56 \\ \hline 78 \end{array}$$

$$\begin{array}{r} 89 \\ -67 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 97 \\ -22 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 78 \\ -52 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 77 \\ -25 \\ \hline 52 \end{array}$$

$$\begin{array}{r} 98 \\ -76 \\ \hline 22 \end{array}$$

### CLUSTER 13

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -2 \quad -5 \\ \hline 5 \quad 2 \end{array}$$

$$\begin{array}{r} 567 \\ +222 \\ \hline 789 \end{array}$$

### CLUSTER 14

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -2 \quad -6 \\ \hline 6 \quad 2 \end{array}$$

$$\begin{array}{r} 765 \\ +222 \\ \hline 987 \end{array}$$

### CLUSTER 15

$$\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -2 \quad -7 \\ \hline 7 \quad 2 \end{array}$$

$$\begin{array}{r} 799 \\ -272 \\ \hline 527 \end{array}$$

$$\begin{array}{r} 977 \\ -225 \\ \hline 752 \end{array}$$

$$\begin{array}{r} 898 \\ -226 \\ \hline 672 \end{array}$$

$$\begin{array}{r} 567 \\ -345 \\ \hline 222 \end{array}$$

$$\begin{array}{r} 878 \\ -252 \\ \hline 626 \end{array}$$

$$\begin{array}{r} 252 \\ +727 \\ \hline 979 \end{array}$$

$$\begin{array}{r} 275 \\ +522 \\ \hline 797 \end{array}$$

$$\begin{array}{r} 226 \\ +562 \\ \hline 788 \end{array}$$

$$\begin{array}{r} 277 \\ +622 \\ \hline 899 \end{array}$$

$$\begin{array}{r} 272 \\ +526 \\ \hline 798 \end{array}$$

# MATH

# 7

Name \_\_\_\_\_ Date \_\_\_\_\_

*Clusters 10-15*

## FACTS

### CLUSTER 10

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

### CLUSTER 11

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

### CLUSTER 12

$$\begin{array}{r} 2 \quad 4 \\ +4 \quad +2 \\ \hline 6 \quad 6 \\ 6 \quad 6 \\ -2 \quad -4 \\ \hline 4 \quad 2 \end{array}$$

### CLUSTER 13

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -2 \quad -5 \\ \hline 5 \quad 2 \end{array}$$

### CLUSTER 14

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -2 \quad -6 \\ \hline 6 \quad 2 \end{array}$$

### CLUSTER 15

$$\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -2 \quad -7 \\ \hline 7 \quad 2 \end{array}$$

$$\begin{array}{r} 22 \\ +56 \\ \hline 78 \end{array}$$

$$\begin{array}{r} 26 \\ +42 \\ \hline 68 \end{array}$$

$$\begin{array}{r} 24 \\ +72 \\ \hline 96 \end{array}$$

$$\begin{array}{r} 72 \\ +22 \\ \hline 94 \end{array}$$

$$\begin{array}{r} 57 \\ -35 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 58 \\ -32 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 86 \\ -62 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 64 \\ -42 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 252 \\ +324 \\ \hline 576 \end{array}$$

$$\begin{array}{r} 422 \\ +226 \\ \hline 648 \end{array}$$

$$\begin{array}{r} 762 \\ +225 \\ \hline 987 \end{array}$$

$$\begin{array}{r} 322 \\ +273 \\ \hline 595 \end{array}$$

$$\begin{array}{r} 252 \\ +426 \\ \hline 678 \end{array}$$

$$\begin{array}{r} 724 \\ +252 \\ \hline 976 \end{array}$$

$$\begin{array}{r} 422 \\ +252 \\ \hline 674 \end{array}$$

$$\begin{array}{r} 272 \\ +627 \\ \hline 899 \end{array}$$

$$\begin{array}{r} 764 \\ -522 \\ \hline 242 \end{array}$$

$$\begin{array}{r} 295 \\ -273 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 657 \\ -432 \\ \hline 225 \end{array}$$

$$\begin{array}{r} 769 \\ -227 \\ \hline 542 \end{array}$$

# MATH

# 8

Name \_\_\_\_\_

Date \_\_\_\_\_ *Clusters 10-15*

$$\begin{array}{r} 227 \\ +452 \\ \hline 679 \end{array}$$

$$\begin{array}{r} 236 \\ +322 \\ \hline 558 \end{array}$$

$$\begin{array}{r} 242 \\ +726 \\ \hline 968 \end{array}$$

$$\begin{array}{r} 679 \\ -227 \\ \hline 452 \end{array}$$

$$\begin{array}{r} 558 \\ -236 \\ \hline 322 \end{array}$$

$$\begin{array}{r} 968 \\ -242 \\ \hline 726 \end{array}$$

$$\begin{array}{r} 7,243 \\ +2,522 \\ \hline 9765 \end{array}$$

$$\begin{array}{r} 2,622 \\ +3,272 \\ \hline 5894 \end{array}$$

$$\begin{array}{r} 2,225 \\ +2,462 \\ \hline 4687 \end{array}$$

$$\begin{array}{r} 9,765 \\ -7,243 \\ \hline 2522 \end{array}$$

$$\begin{array}{r} 5,894 \\ -2,622 \\ \hline 3272 \end{array}$$

$$\begin{array}{r} 4,687 \\ -2,225 \\ \hline 2462 \end{array}$$

## FACTS

### CLUSTER 10

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

### CLUSTER 11

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

### CLUSTER 12

$$\begin{array}{r} 2 \quad 4 \\ +4 \quad +2 \\ \hline 6 \quad 6 \\ 6 \quad 6 \\ -2 \quad -4 \\ \hline 4 \quad 2 \end{array}$$

### CLUSTER 13

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -2 \quad -5 \\ \hline 5 \quad 2 \end{array}$$

### CLUSTER 14

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -2 \quad -6 \\ \hline 6 \quad 2 \end{array}$$

### CLUSTER 15

$$\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -2 \quad -7 \\ \hline 7 \quad 2 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 11**

2	3
<u>+3</u>	<u>+2</u>
5	5
5	5
<u>-2</u>	<u>-3</u>
3	2

$$\begin{array}{r} 798 \\ -222 \\ \hline 576 \end{array}$$

**CLUSTER 16**

2	8
<u>+8</u>	<u>+2</u>
10	10
10	10
<u>-2</u>	<u>-8</u>
8	2

$$\begin{array}{r} 667 \\ -242 \\ \hline 425 \end{array}$$

**CLUSTER 12**

2	4
<u>+4</u>	<u>+2</u>
6	6
6	6
<u>-2</u>	<u>-4</u>
4	2

$$\begin{array}{r} 276 \\ +822 \\ \hline 1098 \end{array}$$

$$\begin{array}{r} 109 \\ -22 \\ \hline 87 \end{array}$$

$$\begin{array}{r} 312 \\ +258 \\ \hline 570 \end{array}$$

$$\begin{array}{r} 598 \\ -326 \\ \hline 272 \end{array}$$

$$\begin{array}{r} 238 \\ +422 \\ \hline 660 \end{array}$$

$$\begin{array}{r} 182 \\ +527 \\ \hline 709 \end{array}$$

$$\begin{array}{r} 1,078 \\ -252 \\ \hline 826 \end{array}$$

$$\begin{array}{r} 722 \\ +237 \\ \hline 959 \end{array}$$

$$\begin{array}{r} 109 \\ -87 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 185 \\ +622 \\ \hline 807 \end{array}$$

$$\begin{array}{r} 642 \\ +228 \\ \hline 870 \end{array}$$

$$\begin{array}{r} 105 \\ -82 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 522 \\ +256 \\ \hline 778 \end{array}$$

$$\begin{array}{r} 886 \\ -262 \\ \hline 624 \end{array}$$

$$\begin{array}{r} 842 \\ +224 \\ \hline 1066 \end{array}$$

**CLUSTER 13**

2	5
<u>+5</u>	<u>+2</u>
7	7
7	7
<u>-2</u>	<u>-5</u>
5	2

$$\begin{array}{r} 105 \\ -83 \\ \hline 22 \end{array}$$

**CLUSTER 14**

2	6
<u>+6</u>	<u>+2</u>
8	8
8	8
<u>-2</u>	<u>-6</u>
6	2

$$\begin{array}{r} 105 \\ -22 \\ \hline 83 \end{array}$$

**CLUSTER 15**

2	7
<u>+7</u>	<u>+2</u>
9	9
9	9
<u>-2</u>	<u>-7</u>
7	2

Name \_\_\_\_\_

Date \_\_\_\_\_

$$\begin{array}{r} 187 \\ +822 \\ \hline 1009 \end{array}$$

$$\begin{array}{r} 897 \\ -222 \\ \hline 675 \end{array}$$

$$\begin{array}{r} 522 \\ +276 \\ \hline 798 \end{array}$$

$$\begin{array}{r} 696 \\ -224 \\ \hline 472 \end{array}$$

$$\begin{array}{r} 825 \\ +262 \\ \hline 1087 \end{array}$$

### CLUSTER 12

$$\begin{array}{r} 382 \\ +226 \\ \hline 608 \end{array}$$

$$\begin{array}{r} 2 \quad 4 \\ +4 \quad +2 \\ \hline 6 \quad 6 \\ 6 \quad 6 \\ -2 \quad -4 \\ \hline 4 \quad 2 \end{array}$$

$$\begin{array}{r} 262 \\ +426 \\ \hline 688 \end{array}$$

### CLUSTER 13

$$\begin{array}{r} 242 \\ +825 \\ \hline 1067 \end{array}$$

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -2 \quad -5 \\ \hline 5 \quad 2 \end{array}$$

$$\begin{array}{r} 712 \\ +258 \\ \hline 970 \end{array}$$

$$\begin{array}{r} 1,087 \\ -265 \\ \hline 822 \end{array}$$

$$\begin{array}{r} 418 \\ +252 \\ \hline 680 \end{array}$$

$$\begin{array}{r} 1,098 \\ -276 \\ \hline 822 \end{array}$$

$$\begin{array}{r} 267 \\ +422 \\ \hline 689 \end{array}$$

$$\begin{array}{r} 852 \\ +227 \\ \hline 1079 \end{array}$$

$$\begin{array}{r} 1,079 \\ -222 \\ \hline 857 \end{array}$$

$$\begin{array}{r} 272 \\ +627 \\ \hline 899 \end{array}$$

$$\begin{array}{r} 1,077 \\ -225 \\ \hline 852 \end{array}$$

$$\begin{array}{r} 124 \\ +482 \\ \hline 606 \end{array}$$

### CLUSTER 14

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -2 \quad -6 \\ \hline 6 \quad 2 \end{array}$$

$$\begin{array}{r} 1,079 \\ -857 \\ \hline 222 \end{array}$$

### CLUSTER 15

$$\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -2 \quad -7 \\ \hline 7 \quad 2 \end{array}$$

$$\begin{array}{r} 1,077 \\ -852 \\ \hline 225 \end{array}$$

### CLUSTER 16

$$\begin{array}{r} 2 \quad 8 \\ +8 \quad +2 \\ \hline 10 \quad 10 \\ 10 \quad 10 \\ -2 \quad -8 \\ \hline 8 \quad 2 \end{array}$$

# MATH

11

*Subtraction Clusters 10s-16s*

Name \_\_\_\_\_ Date \_\_\_\_\_

$$\begin{array}{r} 657 \\ -432 \\ \hline 225 \end{array}$$

$$\begin{array}{r} 758 \\ -526 \\ \hline 232 \end{array}$$

$$\begin{array}{r} 107 \\ -25 \\ \hline 82 \end{array}$$

CLUSTER 10s

$$\begin{array}{r} 4 \\ -2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 947 \\ -225 \\ \hline 722 \end{array}$$

$$\begin{array}{r} 968 \\ -722 \\ \hline 246 \end{array}$$

$$\begin{array}{r} 1,048 \\ -826 \\ \hline 222 \end{array}$$

CLUSTER 11s

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

$$\begin{array}{r} 856 \\ -622 \\ \hline 234 \end{array}$$

$$\begin{array}{r} 759 \\ -522 \\ \hline 237 \end{array}$$

$$\begin{array}{r} 758 \\ -532 \\ \hline 226 \end{array}$$

CLUSTER 12s

$$\begin{array}{r} 6 & 6 \\ -2 & -4 \\ \hline 4 & 2 \end{array}$$

$$\begin{array}{r} 1,064 \\ -862 \\ \hline 202 \end{array}$$

$$\begin{array}{r} 679 \\ -427 \\ \hline 252 \end{array}$$

$$\begin{array}{r} 1,060 \\ -220 \\ \hline 840 \end{array}$$

CLUSTER 13s

$$\begin{array}{r} 7 & 7 \\ -2 & -5 \\ \hline 5 & 2 \end{array}$$

CLUSTER 14s

$$\begin{array}{r} 8 & 8 \\ -2 & -6 \\ \hline 6 & 2 \end{array}$$

CLUSTER 15s

$$\begin{array}{r} 9 & 9 \\ -2 & -7 \\ \hline 7 & 2 \end{array}$$

CLUSTER 16s

$$\begin{array}{r} 10 & 10 \\ -2 & -8 \\ \hline 8 & 2 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 12**

2	4
<u>+4</u>	<u>+2</u>
6	6
6	6
<u>-2</u>	<u>-4</u>
4	2

$$\begin{array}{r} 478 \\ -226 \\ \hline 252 \end{array}$$

**CLUSTER 17**

2	9
<u>+9</u>	<u>+2</u>
11	11
11	11
<u>-2</u>	<u>-9</u>
9	2

$$\begin{array}{r} 1,149 \\ -922 \\ \hline 227 \end{array}$$

**CLUSTER 13**

2	5
<u>+5</u>	<u>+2</u>
7	7
7	7
<u>-2</u>	<u>-5</u>
5	2

$$\begin{array}{r} 262 \\ +628 \\ \hline 890 \end{array}$$

$$\begin{array}{r} 92 \\ +24 \\ \hline 116 \end{array}$$

$$\begin{array}{r} 8 \ 11 \\ 91 \\ -29 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 82 \\ +29 \\ \hline 111 \end{array}$$

$$\begin{array}{r} 1,198 \\ -272 \\ \hline 926 \end{array}$$

$$\begin{array}{r} 262 \\ +628 \\ \hline 890 \end{array}$$

$$\begin{array}{r} 1 \\ 58 \\ +22 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 80 \\ -52 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 412 \\ +269 \\ \hline 681 \end{array}$$

$$\begin{array}{r} 107 \\ -25 \\ \hline 82 \end{array}$$

$$\begin{array}{r} 926 \\ +252 \\ \hline 1178 \end{array}$$

$$\begin{array}{r} 1 \\ 262 \\ +528 \\ \hline 790 \end{array}$$

$$\begin{array}{r} 7 \ 11 \\ 781 \\ -522 \\ \hline 259 \end{array}$$

$$\begin{array}{r} 242 \\ +729 \\ \hline 971 \end{array}$$

$$\begin{array}{r} 90 \\ -68 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 185 \\ +422 \\ \hline 607 \end{array}$$

**CLUSTER 14**

2	6
<u>+6</u>	<u>+2</u>
8	8
8	8
<u>-2</u>	<u>-6</u>
6	2

$$\begin{array}{r} 990 \\ -68 \\ \hline 922 \end{array}$$

**CLUSTER 15**

2	7
<u>+7</u>	<u>+2</u>
9	9
9	9
<u>-2</u>	<u>-7</u>
7	2

$$\begin{array}{r} 991 \\ -729 \\ \hline 262 \end{array}$$

**CLUSTER 16**

2	8
<u>+8</u>	<u>+2</u>
10	10
10	10
<u>-2</u>	<u>-8</u>
8	2

# MATH

13

CLUSTERS 10-17 (Addition only)

Name \_\_\_\_\_ Date \_\_\_\_\_

N	1
E	16
W	62
	+ 2
	<hr/>
	80

$$\begin{array}{r} 42 \\ 25 \\ +22 \\ \hline 89 \end{array}$$

$$\begin{array}{r} 22 \\ 232 \\ +802 \\ \hline 1056 \end{array}$$

CLUSTER 10a

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

CLUSTER 11a

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

CLUSTER 12a

$$\begin{array}{r} 2 \quad 4 \\ +4 \quad +2 \\ \hline 6 \quad 6 \end{array}$$

CLUSTER 13a

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \end{array}$$

CLUSTER 14a

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \end{array}$$

CLUSTER 15a

$$\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline 9 \quad 9 \end{array}$$

CLUSTER 16a

$$\begin{array}{r} 2 \quad 8 \\ +8 \quad +2 \\ \hline 10 \quad 10 \end{array}$$

CLUSTER 17a

$$\begin{array}{r} 2 \quad 9 \\ +9 \quad +2 \\ \hline 11 \quad 11 \end{array}$$

$$\begin{array}{r} 22 \\ 23 \\ +22 \\ \hline 67 \end{array}$$

$$\begin{array}{r} 22 \\ 75 \\ +22 \\ \hline 119 \end{array}$$

$$\begin{array}{r} 206 \\ 22 \\ +970 \\ \hline 1198 \end{array}$$

$$\begin{array}{r} 57 \\ 22 \\ +22 \\ \hline 101 \end{array}$$

$$\begin{array}{r} 22 \\ 65 \\ +22 \\ \hline 109 \end{array}$$

$$\begin{array}{r} 172 \\ 626 \\ + 20 \\ \hline 818 \end{array}$$

$$\begin{array}{r} 72 \\ 24 \\ +22 \\ \hline 118 \end{array}$$

$$\begin{array}{r} 252 \\ 924 \\ + 22 \\ \hline 1198 \end{array}$$

$$\begin{array}{r} 32 \\ 226 \\ + 22 \\ \hline 280 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 13**

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -2 \quad -5 \\ \hline 5 \quad 2 \end{array}$$

$$\begin{array}{r} 689 \\ -362 \\ \hline 327 \end{array}$$

$$\begin{array}{r} 922 \\ +238 \\ \hline 1160 \end{array}$$

$$\begin{array}{r} 768 \\ -536 \\ \hline 232 \end{array}$$

**CLUSTER 14**

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -2 \quad -6 \\ \hline 6 \quad 2 \end{array}$$

$$\begin{array}{r} 229 \\ +532 \\ \hline 761 \end{array}$$

$$\begin{array}{r} 1,180 \\ -958 \\ \hline 222 \end{array}$$

**CLUSTER 18**

$$\begin{array}{r} 3 \quad 6 \\ +3 \quad -3 \\ \hline 6 \quad 3 \end{array}$$

$$\begin{array}{r} 119 \\ -92 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 127 \\ +582 \\ \hline 709 \end{array}$$

$$\begin{array}{r} 262 \\ +928 \\ \hline 1190 \end{array}$$

$$\begin{array}{r} 118 \\ -22 \\ \hline 96 \end{array}$$

$$\begin{array}{r} 263 \\ +723 \\ \hline 986 \end{array}$$

$$\begin{array}{r} 109 \\ -87 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 522 \\ +276 \\ \hline 798 \end{array}$$

$$\begin{array}{r} 348 \\ +322 \\ \hline 670 \end{array}$$

$$\begin{array}{r} 970 \\ -732 \\ \hline 238 \end{array}$$

$$\begin{array}{r} 629 \\ +232 \\ \hline 861 \end{array}$$

$$\begin{array}{r} 808 \\ -222 \\ \hline 586 \end{array}$$

$$\begin{array}{r} 842 \\ +229 \\ \hline 1071 \end{array}$$

**CLUSTER 15**

$$\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -2 \quad -7 \\ \hline 7 \quad 2 \end{array}$$

$$\begin{array}{r} 796 \\ -223 \\ \hline 573 \end{array}$$

**CLUSTER 16**

$$\begin{array}{r} 2 \quad 8 \\ +8 \quad +2 \\ \hline 10 \quad 10 \\ 10 \quad 10 \\ -2 \quad -8 \\ \hline 8 \quad 2 \end{array}$$

$$\begin{array}{r} 817 \\ -423 \\ \hline 394 \end{array}$$

**CLUSTER 17**

$$\begin{array}{r} 2 \quad 9 \\ +9 \quad +2 \\ \hline 11 \quad 11 \\ 11 \quad 11 \\ -2 \quad -9 \\ \hline 9 \quad 2 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

<b>CLUSTER 14</b>	
2 <u>+6</u> 8	6 <u>+2</u> 8
8 <u>-2</u> 6	8 <u>-6</u> 2

$$\begin{array}{r} 987 \\ -264 \\ \hline 723 \end{array}$$

<b>CLUSTER 19</b>	
3 <u>+4</u> 7	4 <u>+3</u> 7
7 <u>-3</u> 4	7 <u>-4</u> 3

$$\begin{array}{r} 976 \\ -243 \\ \hline 733 \end{array}$$

<b>CLUSTER 15</b>	
2 <u>+7</u> 9	7 <u>+2</u> 9
9 <u>-2</u> 7	9 <u>-7</u> 2

$$\begin{array}{r} 293 \\ +423 \\ \hline 716 \end{array}$$

$$\begin{array}{r} 1,180 \\ -938 \\ \hline 242 \end{array}$$

$$\begin{array}{r} 79 \\ +22 \\ \hline 101 \end{array}$$

$$\begin{array}{r} 117 \\ -93 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 722 \\ +248 \\ \hline 970 \end{array}$$

$$\begin{array}{r} 362 \\ +428 \\ \hline 790 \end{array}$$

$$\begin{array}{r} 811 \\ -202 \\ \hline 609 \end{array}$$

$$\begin{array}{r} 236 \\ +732 \\ \hline 968 \end{array}$$

$$\begin{array}{r} 910 \\ -708 \\ \hline 202 \end{array}$$

$$\begin{array}{r} 242 \\ +736 \\ \hline 978 \end{array}$$

$$\begin{array}{r} 238 \\ +632 \\ \hline 870 \end{array}$$

$$\begin{array}{r} 990 \\ -762 \\ \hline 228 \end{array}$$

$$\begin{array}{r} 459 \\ +322 \\ \hline 781 \end{array}$$

$$\begin{array}{r} 908 \\ -222 \\ \hline 686 \end{array}$$

$$\begin{array}{r} 372 \\ +329 \\ \hline 701 \end{array}$$

<b>CLUSTER 16</b>	
2 <u>+8</u> 10	8 <u>+2</u> 10
10 <u>-2</u> 8	10 <u>-8</u> 2

$$\begin{array}{r} 978 \\ -242 \\ \hline 736 \end{array}$$

<b>CLUSTER 18</b>	
3 <u>+3</u> 6	6 <u>-3</u> 3

$$\begin{array}{r} 771 \\ -432 \\ \hline 339 \end{array}$$

<b>CLUSTER 17</b>	
2 <u>+9</u> 11	9 <u>+2</u> 11
11 <u>-2</u> 9	11 <u>-9</u> 2

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 15**

2	7
<u>+7</u>	<u>+2</u>
9	9
9	9
<u>-2</u>	<u>-7</u>
7	2

$$\begin{array}{r} 109 \\ - 87 \\ \hline 22 \end{array}$$

**CLUSTER 20**

3	5
<u>+5</u>	<u>+3</u>
8	8
8	8
<u>-3</u>	<u>-5</u>
5	3

$$\begin{array}{r} 698 \\ - 375 \\ \hline 323 \end{array}$$

**CLUSTER 16**

2	8
<u>+8</u>	<u>+2</u>
10	10
10	10
<u>-2</u>	<u>-8</u>
8	2

$$\begin{array}{r} 238 \\ + 732 \\ \hline 970 \end{array}$$

$$\begin{array}{r} 90 \\ - 32 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 543 \\ + 335 \\ \hline 878 \end{array}$$

$$\begin{array}{r} 1,181 \\ - 239 \\ \hline 942 \end{array}$$

$$\begin{array}{r} 739 \\ + 232 \\ \hline 971 \end{array}$$

$$\begin{array}{r} 529 \\ + 342 \\ \hline 871 \end{array}$$

$$\begin{array}{r} 897 \\ - 523 \\ \hline 374 \end{array}$$

$$\begin{array}{r} 233 \\ + 953 \\ \hline 1186 \end{array}$$

$$\begin{array}{r} 107 \\ - 24 \\ \hline 83 \end{array}$$

$$\begin{array}{r} 212 \\ + 389 \\ \hline 601 \end{array}$$

$$\begin{array}{r} 237 \\ + 852 \\ \hline 1089 \end{array}$$

$$\begin{array}{r} 1,176 \\ - 943 \\ \hline 233 \end{array}$$

$$\begin{array}{r} 248 \\ + 732 \\ \hline 980 \end{array}$$

$$\begin{array}{r} 80 \\ - 38 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 233 \\ + 745 \\ \hline 978 \end{array}$$

**CLUSTER 17**

2	9
<u>+9</u>	<u>+2</u>
11	11
11	11
<u>-2</u>	<u>-9</u>
9	2

$$\begin{array}{r} 918 \\ - 325 \\ \hline 593 \end{array}$$

**CLUSTER 18**

3	6
<u>+3</u>	<u>-3</u>
6	3

$$\begin{array}{r} 869 \\ - 332 \\ \hline 537 \end{array}$$

**CLUSTER 19**

3	4
<u>+4</u>	<u>+3</u>
7	7
7	7
<u>-3</u>	<u>-4</u>
4	3

CLUSTER 1a

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

CLUSTER 2a

$$\begin{array}{r} 1 \quad 2 \\ +2 \quad +1 \\ \hline 3 \quad 3 \end{array}$$

CLUSTER 3a

$$\begin{array}{r} 1 \quad 3 \\ +3 \quad +1 \\ \hline 4 \quad 4 \end{array}$$

CLUSTER 4a

$$\begin{array}{r} 1 \quad 4 \\ +4 \quad +1 \\ \hline 5 \quad 5 \end{array}$$

CLUSTER 5a

$$\begin{array}{r} 1 \quad 5 \\ +5 \quad +1 \\ \hline 6 \quad 6 \end{array}$$

CLUSTER 6a

$$\begin{array}{r} 1 \quad 6 \\ +6 \quad +1 \\ \hline 7 \quad 7 \end{array}$$

CLUSTER 7a

$$\begin{array}{r} 1 \quad 7 \\ +7 \quad +1 \\ \hline 8 \quad 8 \end{array}$$

CLUSTER 8a

$$\begin{array}{r} 1 \quad 8 \\ +8 \quad +1 \\ \hline 9 \quad 9 \end{array}$$

CLUSTER 9a

$$\begin{array}{r} 1 \quad 9 \\ +9 \quad +1 \\ \hline 10 \quad 10 \end{array}$$

CLUSTER 10a

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

# MATH

17

Name \_\_\_\_\_

Date \_\_\_\_\_

## Addition Review Clusters 1-20

CLUSTER 11a

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

CLUSTER 12a

$$\begin{array}{r} 2 \quad 4 \\ +4 \quad +2 \\ \hline 6 \quad 6 \end{array}$$

CLUSTER 13a

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \end{array}$$

CLUSTER 14a

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \end{array}$$

CLUSTER 15a

$$\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline 9 \quad 9 \end{array}$$

CLUSTER 16a

$$\begin{array}{r} 2 \quad 8 \\ +8 \quad +2 \\ \hline 10 \quad 10 \end{array}$$

CLUSTER 17a

$$\begin{array}{r} 2 \quad 9 \\ +9 \quad +2 \\ \hline 11 \quad 11 \end{array}$$

CLUSTER 18a

$$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$$

CLUSTER 19a

$$\begin{array}{r} 3 \quad 4 \\ +4 \quad +3 \\ \hline 7 \quad 7 \end{array}$$

CLUSTER 20a

$$\begin{array}{r} 3 \quad 5 \\ +5 \quad +3 \\ \hline 8 \quad 8 \end{array}$$

$$\begin{array}{r} 125 \\ +543 \\ \hline 668 \end{array}$$

$$\begin{array}{r} 422 \\ +286 \\ \hline 708 \end{array}$$

$$\begin{array}{r} 102 \\ +988 \\ \hline 1090 \end{array}$$

$$\begin{array}{r} 229 \\ +742 \\ \hline 971 \end{array}$$

$$\begin{array}{r} 272 \\ +319 \\ \hline 591 \end{array}$$

$$\begin{array}{r} 339 \\ +512 \\ \hline 851 \end{array}$$

$$\begin{array}{r} 609 \\ +271 \\ \hline 880 \end{array}$$

$$\begin{array}{r} 215 \\ +862 \\ \hline 1077 \end{array}$$

$$\begin{array}{r} 701 \\ +249 \\ \hline 950 \end{array}$$

$$\begin{array}{r} 131 \\ 141 \\ 215 \\ +322 \\ \hline 809 \end{array}$$

$$\begin{array}{r} 111 \\ 231 \\ 522 \\ +123 \\ \hline 987 \end{array}$$

$$\begin{array}{r} 263 \\ 322 \\ 201 \\ +222 \\ \hline 1008 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 16**

2	8
<u>+8</u>	<u>+2</u>
10	10
10	10
<u>-2</u>	<u>-8</u>
8	2

$$\begin{array}{r} 109 \\ - 86 \\ \hline 23 \end{array}$$

**CLUSTER 21**

3	6
<u>+6</u>	<u>+3</u>
9	9
9	9
<u>-3</u>	<u>-6</u>
6	3

$$\begin{array}{r} 698 \\ - 365 \\ \hline 333 \end{array}$$

**CLUSTER 17**

2	9
<u>+9</u>	<u>+2</u>
11	11
11	11
<u>-2</u>	<u>-9</u>
9	2

$$\begin{array}{r} 328 \\ + 362 \\ \hline 690 \end{array}$$

$$\begin{array}{r} 90 \\ - 32 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 236 \\ + 953 \\ \hline 1189 \end{array}$$

$$\begin{array}{r} 1,181 \\ - 239 \\ \hline 942 \end{array}$$

$$\begin{array}{r} 639 \\ + 332 \\ \hline 971 \end{array}$$

$$\begin{array}{r} 483 \\ + 326 \\ \hline 809 \end{array}$$

$$\begin{array}{r} 879 \\ - 533 \\ \hline 346 \end{array}$$

$$\begin{array}{r} 233 \\ + 953 \\ \hline 1186 \end{array}$$

$$\begin{array}{r} 107 \\ - 24 \\ \hline 83 \end{array}$$

$$\begin{array}{r} 212 \\ + 398 \\ \hline 610 \end{array}$$

$$\begin{array}{r} 263 \\ + 834 \\ \hline 1097 \end{array}$$

$$\begin{array}{r} 1,167 \\ - 934 \\ \hline 233 \end{array}$$

$$\begin{array}{r} 349 \\ + 632 \\ \hline 981 \end{array}$$

$$\begin{array}{r} 80 \\ - 38 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 433 \\ + 365 \\ \hline 798 \end{array}$$

**CLUSTER 19**

3	4
<u>+4</u>	<u>+3</u>
7	7
7	7
<u>-3</u>	<u>-4</u>
4	3

$$\begin{array}{r} 918 \\ - 325 \\ \hline 593 \end{array}$$

**CLUSTER 18**

3	6
<u>+3</u>	<u>-3</u>
6	3

$$\begin{array}{r} 689 \\ - 332 \\ \hline 357 \end{array}$$

**CLUSTER 20**

3	5
<u>+5</u>	<u>+3</u>
8	8
8	8
<u>-3</u>	<u>-5</u>
5	3

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 11**

2	3
+3	+2
5	5
5	5
-2	-3
3	2

$$\begin{array}{r} 845 \\ -623 \\ \hline 222 \end{array}$$

**CLUSTER 13**

2	5
+5	+2
7	7
7	7
-2	-5
5	2

$$\begin{array}{r} 90 \\ -68 \\ \hline 22 \end{array}$$

**CLUSTER 14**

2	6
+6	+2
8	8
8	8
-2	-6
6	2

$$\begin{array}{r} 22 \\ +82 \\ \hline 104 \end{array}$$

$$\begin{array}{r} 607 \\ -225 \\ \hline 382 \end{array}$$

$$\begin{array}{r} 232 \\ +526 \\ \hline 758 \end{array}$$

$$\begin{array}{r} 81 \\ -59 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 58 \\ +22 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 123 \\ +592 \\ \hline 715 \end{array}$$

$$\begin{array}{r} 818 \\ -292 \\ \hline 526 \end{array}$$

$$\begin{array}{r} 618 \\ +232 \\ \hline 850 \end{array}$$

$$\begin{array}{r} 587 \\ -222 \\ \hline 365 \end{array}$$

$$\begin{array}{r} 122 \\ +583 \\ \hline 705 \end{array}$$

$$\begin{array}{r} 352 \\ +226 \\ \hline 578 \end{array}$$

$$\begin{array}{r} 1,011 \\ -802 \\ \hline 209 \end{array}$$

$$\begin{array}{r} 219 \\ +932 \\ \hline 1151 \end{array}$$

$$\begin{array}{r} 890 \\ -628 \\ \hline 262 \end{array}$$

$$\begin{array}{r} 212 \\ +329 \\ \hline 541 \end{array}$$

**CLUSTER 16**

2	8
+8	+2
10	10
10	10
-2	-8
8	2

$$\begin{array}{r} 550 \\ -328 \\ \hline 222 \end{array}$$

**CLUSTER 10**

2	4
+2	-2
4	2

$$\begin{array}{r} 511 \\ -222 \\ \hline 289 \end{array}$$

**CLUSTER 17**

2	9
+9	+2
11	11
11	11
-2	-9
9	2

Name \_\_\_\_\_

Date \_\_\_\_\_

<b>CLUSTER 17</b>	
2	9
<u>+9</u>	<u>+2</u>
11	11
11	11
<u>-2</u>	<u>-9</u>
9	2

$$\begin{array}{r} 116 \\ -93 \\ \hline 23 \end{array}$$

<b>CLUSTER 22</b>	
3	7
<u>+7</u>	<u>+3</u>
10	10
10	10
<u>-3</u>	<u>-7</u>
7	3

$$\begin{array}{r} 790 \\ -437 \\ \hline 353 \end{array}$$

<b>CLUSTER 19</b>	
3	4
<u>+4</u>	<u>+3</u>
7	7
7	7
<u>-3</u>	<u>-4</u>
4	3

$$\begin{array}{r} 23 \\ +47 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 107 \\ -74 \\ \hline 33 \end{array}$$

$$\begin{array}{r} 33 \\ +74 \\ \hline 107 \end{array}$$

$$\begin{array}{r} 120 \\ -93 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 25 \\ +93 \\ \hline 118 \end{array}$$

$$\begin{array}{r} 433 \\ +363 \\ \hline 796 \end{array}$$

$$\begin{array}{r} 108 \\ -35 \\ \hline 73 \end{array}$$

$$\begin{array}{r} 349 \\ +732 \\ \hline 1081 \end{array}$$

$$\begin{array}{r} 698 \\ -335 \\ \hline 363 \end{array}$$

$$\begin{array}{r} 352 \\ +439 \\ \hline 791 \end{array}$$

$$\begin{array}{r} 736 \\ +353 \\ \hline 1089 \end{array}$$

$$\begin{array}{r} 119 \\ -26 \\ \hline 93 \end{array}$$

$$\begin{array}{r} 327 \\ +533 \\ \hline 860 \end{array}$$

$$\begin{array}{r} 981 \\ -632 \\ \hline 349 \end{array}$$

$$\begin{array}{r} 2,943 \\ +6,235 \\ \hline 9,178 \end{array}$$

<b>CLUSTER 21</b>	
3	6
<u>+6</u>	<u>+3</u>
9	9
9	9
<u>-3</u>	<u>-6</u>
6	3

$$\begin{array}{r} 879 \\ -333 \\ \hline 546 \end{array}$$

<b>CLUSTER 18</b>	
3	6
<u>+3</u>	<u>-3</u>
6	3

$$\begin{array}{r} 110 \\ -37 \\ \hline 73 \end{array}$$

<b>CLUSTER 20</b>	
3	5
<u>+5</u>	<u>+3</u>
8	8
8	8
<u>-3</u>	<u>-5</u>
5	3

Name \_\_\_\_\_

Date \_\_\_\_\_

$$\begin{array}{r} 36 \\ +33 \\ \hline 69 \end{array}$$

$$\begin{array}{r} 87 \\ -54 \\ \hline 33 \end{array}$$

**CLUSTER 23**

3	8
<u>+8</u>	<u>+3</u>
11	11
11	11
<u>-3</u>	<u>-8</u>
8	3

$$\begin{array}{r} 978 \\ -343 \\ \hline 635 \end{array}$$

$$\begin{array}{r} 353 \\ +336 \\ \hline 689 \end{array}$$

$$\begin{array}{r} 448 \\ +333 \\ \hline 781 \end{array}$$

$$\begin{array}{r} 990 \\ -637 \\ \hline 353 \end{array}$$

$$\begin{array}{r} 335 \\ +463 \\ \hline 798 \end{array}$$

$$\begin{array}{r} 117 \\ - 33 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 428 \\ +353 \\ \hline 781 \end{array}$$

$$\begin{array}{r} 323 \\ +847 \\ \hline 1170 \end{array}$$

$$\begin{array}{r} 681 \\ -338 \\ \hline 343 \end{array}$$

$$\begin{array}{r} 827 \\ +343 \\ \hline 1170 \end{array}$$

$$\begin{array}{r} 720 \\ -387 \\ \hline 333 \end{array}$$

$$\begin{array}{r} 263 \\ +738 \\ \hline 1001 \end{array}$$

$$\begin{array}{r} 233 \\ +685 \\ \hline 918 \end{array}$$

$$\begin{array}{r} 920 \\ -533 \\ \hline 387 \end{array}$$

$$\begin{array}{r} 636 \\ +373 \\ \hline 1009 \end{array}$$

$$\begin{array}{r} 989 \\ -633 \\ \hline 356 \end{array}$$

$$\begin{array}{r} 436 \\ +353 \\ \hline 789 \end{array}$$

**CLUSTER 19**

3	4
<u>+4</u>	<u>+3</u>
7	7
7	7
<u>-3</u>	<u>-4</u>
4	3

**CLUSTER 20**

3	5
<u>+5</u>	<u>+3</u>
8	8
8	8
<u>-3</u>	<u>-5</u>
5	3

**CLUSTER 18**

3	6
<u>+3</u>	<u>-3</u>
6	3

**CLUSTER 21**

3	6
<u>+6</u>	<u>+3</u>
9	9
9	9
<u>-3</u>	<u>-6</u>
6	3

**CLUSTER 22**

3	7
<u>+7</u>	<u>+3</u>
10	10
10	10
<u>-3</u>	<u>-7</u>
7	3

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 19**

3	4
<u>+4</u>	<u>+3</u>
7	7
7	7
<u>-3</u>	<u>-4</u>
4	3

$$\begin{array}{r} 98 \\ -35 \\ \hline 63 \end{array}$$

**CLUSTER 24**

3	9
<u>+9</u>	<u>+3</u>
12	12
12	12
<u>-3</u>	<u>-9</u>
9	3

$$\begin{array}{r} 812 \\ -489 \\ \hline 323 \end{array}$$

**CLUSTER 20**

3	5
<u>+5</u>	<u>+3</u>
8	8
8	8
<u>-3</u>	<u>-5</u>
5	3

$$\begin{array}{r} 365 \\ +433 \\ \hline 798 \end{array}$$

$$\begin{array}{r} 91 \\ -38 \\ \hline 53 \end{array}$$

$$\begin{array}{r} 629 \\ +393 \\ \hline 1022 \end{array}$$

$$\begin{array}{r} 1,280 \\ -333 \\ \hline 947 \end{array}$$

$$\begin{array}{r} 283 \\ +934 \\ \hline 1217 \end{array}$$

$$\begin{array}{r} 234 \\ +583 \\ \hline 817 \end{array}$$

$$\begin{array}{r} 127 \\ -33 \\ \hline 94 \end{array}$$

$$\begin{array}{r} 273 \\ +637 \\ \hline 910 \end{array}$$

$$\begin{array}{r} 119 \\ -83 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 543 \\ +338 \\ \hline 881 \end{array}$$

$$\begin{array}{r} 223 \\ +679 \\ \hline 902 \end{array}$$

$$\begin{array}{r} 1,182 \\ -849 \\ \hline 333 \end{array}$$

$$\begin{array}{r} 327 \\ +543 \\ \hline 870 \end{array}$$

$$\begin{array}{r} 1,291 \\ -933 \\ \hline 358 \end{array}$$

$$\begin{array}{r} 283 \\ +939 \\ \hline 1222 \end{array}$$

**CLUSTER 21**

3	6
<u>+6</u>	<u>+3</u>
9	9
9	9
<u>-3</u>	<u>-6</u>
6	3

$$\begin{array}{r} 1,098 \\ -365 \\ \hline 733 \end{array}$$

**CLUSTER 22**

3	7
<u>+7</u>	<u>+3</u>
10	10
10	10
<u>-3</u>	<u>-7</u>
7	3

$$\begin{array}{r} 819 \\ -336 \\ \hline 483 \end{array}$$

**CLUSTER 23**

3	8
<u>+8</u>	<u>+3</u>
11	11
11	11
<u>-3</u>	<u>-8</u>
8	3

# MATH

23

REVIEW CLUSTERS 9, 12, 15, 18-19

Name \_\_\_\_\_

Date \_\_\_\_\_

$$\begin{array}{r} 324 \\ +373 \\ \hline 697 \end{array}$$
$$\begin{array}{r} 143 \\ +924 \\ \hline 1067 \end{array}$$
$$\begin{array}{r} 697 \\ -324 \\ \hline 373 \end{array}$$
$$\begin{array}{r} 100 \\ -29 \\ \hline 71 \end{array}$$

$$\begin{array}{r} 493 \\ +214 \\ \hline 707 \end{array}$$
$$\begin{array}{r} 243 \\ +433 \\ \hline 676 \end{array}$$
$$\begin{array}{r} 707 \\ -293 \\ \hline 414 \end{array}$$
$$\begin{array}{r} 670 \\ -321 \\ \hline 349 \end{array}$$

$$\begin{array}{r} 127 \\ +942 \\ \hline 1069 \end{array}$$
$$\begin{array}{r} 132 \\ +947 \\ \hline 1079 \end{array}$$
$$\begin{array}{r} 796 \\ -474 \\ \hline 322 \end{array}$$
$$\begin{array}{r} 979 \\ -247 \\ \hline 732 \end{array}$$

$$\begin{array}{r} 24 \\ 73 \\ +912 \\ \hline 1009 \end{array}$$
$$\begin{array}{r} 909 \\ +91 \\ \hline 1000 \end{array}$$
$$\begin{array}{r} 809 \\ -312 \\ \hline 497 \end{array}$$
$$\begin{array}{r} 710 \\ -391 \\ \hline 319 \end{array}$$

## FACTS

### CLUSTER 9

$$\begin{array}{r} 1 \\ +9 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$$
$$\begin{array}{r} 10 \\ -9 \\ \hline 1 \end{array}$$

### CLUSTER 12

$$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$$

### CLUSTER 15

$$\begin{array}{r} 2 \\ +7 \\ \hline 9 \end{array}$$
$$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 7 \\ +2 \\ \hline 9 \end{array}$$
$$\begin{array}{r} 9 \\ -2 \\ \hline 7 \end{array}$$

### CLUSTER 18

$$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$$
$$\begin{array}{r} 6 \\ -3 \\ \hline 3 \end{array}$$

### CLUSTER 19

$$\begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 7 \\ -4 \\ \hline 3 \end{array}$$
$$\begin{array}{r} 4 \\ +3 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array}$$

# MATH

24

CLUSTERS 20-25

Name \_\_\_\_\_

Date \_\_\_\_\_

## CLUSTER 20

$$\begin{array}{r} 3 \quad 5 \\ +5 \quad +3 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -3 \quad -5 \\ \hline 5 \quad 3 \end{array}$$

$$\begin{array}{r} 888 \\ -354 \\ \hline 534 \end{array}$$

## CLUSTER 25

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

$$\begin{array}{r} 990 \\ -637 \\ \hline 353 \end{array}$$

## CLUSTER 21

$$\begin{array}{r} 3 \quad 6 \\ +6 \quad +3 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -3 \quad -6 \\ \hline 6 \quad 3 \end{array}$$

$$\begin{array}{r} 734 \\ +364 \\ \hline 1098 \end{array}$$

$$\begin{array}{r} 901 \\ -538 \\ \hline 363 \end{array}$$

$$\begin{array}{r} 55 \\ 33 \\ +33 \\ \hline 121 \end{array}$$

$$\begin{array}{r} 991 \\ -343 \\ \hline 648 \end{array}$$

$$\begin{array}{r} 29 \\ +93 \\ \hline 122 \end{array}$$

$$\begin{array}{r} 836 \\ +353 \\ \hline 1189 \end{array}$$

$$\begin{array}{r} 1,031 \\ -698 \\ \hline 333 \end{array}$$

$$\begin{array}{r} 324 \\ 54 \\ +433 \\ \hline 811 \end{array}$$

$$\begin{array}{r} 1,320 \\ -383 \\ \hline 937 \end{array}$$

$$\begin{array}{r} 728 \\ +353 \\ \hline 1081 \end{array}$$

$$\begin{array}{r} 343 \\ +738 \\ \hline 1081 \end{array}$$

$$\begin{array}{r} 111 \\ -73 \\ \hline 38 \end{array}$$

$$\begin{array}{r} 892 \\ -459 \\ \hline 433 \end{array}$$

$$\begin{array}{r} 3,223 \\ +8,697 \\ \hline 11,920 \end{array}$$

## CLUSTER 22

$$\begin{array}{r} 3 \quad 7 \\ +7 \quad +3 \\ \hline 10 \quad 10 \\ 10 \quad 10 \\ -3 \quad -7 \\ \hline 7 \quad 3 \end{array}$$

$$\begin{array}{r} 112 \\ -33 \\ \hline 79 \end{array}$$

## CLUSTER 23

$$\begin{array}{r} 3 \quad 8 \\ +8 \quad +3 \\ \hline 11 \quad 11 \\ 11 \quad 11 \\ -3 \quad -8 \\ \hline 8 \quad 3 \end{array}$$

$$\begin{array}{r} 1,191 \\ -843 \\ \hline 348 \end{array}$$

## CLUSTER 24

$$\begin{array}{r} 3 \quad 9 \\ +9 \quad +3 \\ \hline 12 \quad 12 \\ 12 \quad 12 \\ -3 \quad -9 \\ \hline 9 \quad 3 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

## FACTS

### CLUSTER 10

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

### CLUSTER 13

$$\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline 7 \quad 7 \\ 7 \quad 7 \\ -2 \quad -5 \\ \hline 5 \quad 2 \end{array}$$

### CLUSTER 14

$$\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline 8 \quad 8 \\ 8 \quad 8 \\ -2 \quad -6 \\ \hline 6 \quad 2 \end{array}$$

### CLUSTER 16

$$\begin{array}{r} 2 \quad 8 \\ +8 \quad +2 \\ \hline 10 \quad 10 \\ 10 \quad 10 \\ -2 \quad -8 \\ \hline 8 \quad 2 \end{array}$$

### CLUSTER 17

$$\begin{array}{r} 2 \quad 9 \\ +9 \quad +2 \\ \hline 11 \quad 11 \\ 11 \quad 11 \\ -2 \quad -9 \\ \hline 9 \quad 2 \end{array}$$

$$\begin{array}{r} 26 \\ +22 \\ \hline 48 \end{array} \quad \begin{array}{r} 592 \\ +222 \\ \hline 814 \end{array} \quad \begin{array}{r} 487 \\ -262 \\ \hline 225 \end{array} \quad \begin{array}{r} 921 \\ -292 \\ \hline 629 \end{array}$$

$$\begin{array}{r} 42 \\ +28 \\ \hline 70 \end{array} \quad \begin{array}{r} 118 \\ +592 \\ \hline 710 \end{array} \quad \begin{array}{r} 791 \\ -529 \\ \hline 262 \end{array} \quad \begin{array}{r} 810 \\ -582 \\ \hline 228 \end{array}$$

$$\begin{array}{r} 172 \\ +529 \\ \hline 701 \end{array} \quad \begin{array}{r} 625 \\ +262 \\ \hline 887 \end{array} \quad \begin{array}{r} 920 \\ -622 \\ \hline 298 \end{array} \quad \begin{array}{r} 488 \\ -262 \\ \hline 226 \end{array}$$

$$\begin{array}{r} 912 \\ +268 \\ \hline 1180 \end{array} \quad \begin{array}{r} 219 \\ +822 \\ \hline 1041 \end{array} \quad \begin{array}{r} 507 \\ -282 \\ \hline 225 \end{array} \quad \begin{array}{r} 781 \\ -252 \\ \hline 529 \end{array}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

**CLUSTER 21**

$$\begin{array}{r} 3 \quad 6 \\ +6 \quad +3 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -3 \quad -6 \\ \hline 6 \quad 3 \end{array}$$

$$\begin{array}{r} 354 \\ +644 \\ \hline \end{array}$$

998

$$\begin{array}{r} 837 \\ +353 \\ \hline \end{array}$$

1190

$$\begin{array}{r} 523 \\ +397 \\ \hline \end{array}$$

920

**CLUSTER 23**

$$\begin{array}{r} 3 \quad 8 \\ +8 \quad +3 \\ \hline 11 \quad 11 \\ 11 \quad 11 \\ -3 \quad -8 \\ \hline 8 \quad 3 \end{array}$$

$$\begin{array}{r} 999 \\ -635 \\ \hline \end{array}$$

364

$$\begin{array}{r} 900 \\ -447 \\ \hline \end{array}$$

453

$$\begin{array}{r} 931 \\ -498 \\ \hline \end{array}$$

433

$$\begin{array}{r} 1,020 \\ -533 \\ \hline \end{array}$$

487

**CLUSTER 26**

$$\begin{array}{r} 4 \quad 5 \\ +5 \quad +4 \\ \hline 9 \quad 9 \\ 9 \quad 9 \\ -4 \quad -5 \\ \hline 5 \quad 4 \end{array}$$

$$\begin{array}{r} 525 \\ 384 \\ +303 \\ \hline \end{array}$$

1212

$$\begin{array}{r} 407 \\ 430 \\ +353 \\ \hline \end{array}$$

1190

**CLUSTER 25**

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

$$\begin{array}{r} 991 \\ -448 \\ \hline \end{array}$$

543

$$\begin{array}{r} 1,300 \\ -357 \\ \hline \end{array}$$

943

$$\begin{array}{r} 990 \\ -343 \\ \hline \end{array}$$

647

$$\begin{array}{r} 1,202 \\ -369 \\ \hline \end{array}$$

833

$$\begin{array}{r} 989 \\ -544 \\ \hline \end{array}$$

445

$$\begin{array}{r} 1,232 \\ -393 \\ \hline \end{array}$$

839

**CLUSTER 22**

$$\begin{array}{r} 3 \quad 7 \\ +7 \quad +3 \\ \hline 10 \quad 10 \\ 10 \quad 10 \\ -3 \quad -7 \\ \hline 7 \quad 3 \end{array}$$

$$\begin{array}{r} 423 \\ +568 \\ \hline \end{array}$$

991

$$\begin{array}{r} 323 \\ 479 \\ \hline \end{array}$$

802

$$\begin{array}{r} 395 \\ +434 \\ \hline \end{array}$$

829

**CLUSTER 24**

$$\begin{array}{r} 3 \quad 9 \\ +9 \quad +3 \\ \hline 12 \quad 12 \\ 12 \quad 12 \\ -3 \quad -9 \\ \hline 9 \quad 3 \end{array}$$