

# MATH

# 1

Name \_\_\_\_\_

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

## FACTS

### CLUSTER 1

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

### CLUSTER 2

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

### CLUSTER 3

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

### CLUSTER 4

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

### CLUSTER 5

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# MATH

# 2

Name \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{array}{r} 684 \\ -511 \\ \hline \end{array}$$

# FACTS

## CLUSTER 3

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

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

## CLUSTER 4

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

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

## CLUSTER 5

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

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

## CLUSTER 6

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

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

## CLUSTER 7

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

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

Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 4

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

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

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

CLUSTER 9

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

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

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

CLUSTER 5

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CLUSTER 6

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

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

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

CLUSTER 7

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

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

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

CLUSTER 8

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

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

# MATH

4

Name \_\_\_\_\_

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

## FACTS

### CLUSTER 10

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

### CLUSTER 6

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

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

### CLUSTER 7

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

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

### CLUSTER 8

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

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

### CLUSTER 9

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{array}{r} 108 \\ -17 \end{array}$$

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

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

$$\begin{array}{r} 108 \\ -11 \end{array}$$

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

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

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

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

# MATH

5

*Clusters 10-12*

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

**CLUSTER 11**

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

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

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

**CLUSTER 10**

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

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

**CLUSTER 12**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Name \_\_\_\_\_

Date \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

CLUSTER 13

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

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

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

CLUSTER 14

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

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

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

CLUSTER 15

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

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

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

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

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

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

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

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

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

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

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

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

# MATH

7

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

*Clusters 10-15*

## FACTS

### CLUSTER 10

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

### CLUSTER 11

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

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

### CLUSTER 12

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

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

### CLUSTER 13

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

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

### CLUSTER 14

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

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

### CLUSTER 15

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

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

$$22$$

$$+56$$

$$26$$

$$+42$$

$$24$$

$$+72$$

$$72$$

$$+22$$

$$57$$

$$-35$$

$$58$$

$$-32$$

$$86$$

$$-62$$

$$64$$

$$-42$$

$$252$$

$$+324$$

$$422$$

$$+226$$

$$762$$

$$+225$$

$$322$$

$$+273$$

$$252$$

$$+426$$

$$724$$

$$+252$$

$$422$$

$$+252$$

$$272$$

$$+627$$

$$764$$

$$-522$$

$$295$$

$$-273$$

$$657$$

$$-432$$

$$769$$

$$-227$$

# MATH

# 8

Name \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

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

## FACTS

### CLUSTER 10

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

### CLUSTER 11

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

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

### CLUSTER 12

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

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

### CLUSTER 13

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

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

### CLUSTER 14

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

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

### CLUSTER 15

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

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



Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 11

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

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

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

CLUSTER 16

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

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

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

CLUSTER 12

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CLUSTER 13

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

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

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

CLUSTER 14

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

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

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

CLUSTER 15

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

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

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

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

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

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

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

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

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

**CLUSTER 12**

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

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

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

**CLUSTER 13**

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

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

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

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

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

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

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

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

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

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

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

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

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

**CLUSTER 14**

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

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

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

**CLUSTER 15**

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

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

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

**CLUSTER 16**

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

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

# MATH

11

*Subtraction Clusters 10s-16s*

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

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

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

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

CLUSTER 10s

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

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

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

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

CLUSTER 11s

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

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

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

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

CLUSTER 12s

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

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

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

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

CLUSTER 13s

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

CLUSTER 14s

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

CLUSTER 15s

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

CLUSTER 16s

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

# MATH

CLUSTERS 12-17

12

Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 12

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

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

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

CLUSTER 17

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

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

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

CLUSTER 13

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CLUSTER 14

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

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

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

CLUSTER 15

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

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

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

CLUSTER 16

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

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

# MATH

13

CLUSTERS 10-17 (Addition only)

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

N	1	
E	16	
W	62	
	+ 2	

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

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

CLUSTER 10a

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

CLUSTER 11a

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

CLUSTER 12a

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

CLUSTER 13a

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

CLUSTER 14a

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

CLUSTER 15a

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

CLUSTER 16a

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

CLUSTER 17a

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

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

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

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

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

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

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

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

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

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

# MATH

CLUSTERS 13-18

14

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

CLUSTER 13

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

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

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

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

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

CLUSTER 14

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

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

$$\begin{array}{r} 229 \quad 1,180 \\ +532 \quad -958 \end{array}$$

CLUSTER 18

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

$$\begin{array}{r} 119 \quad 127 \\ -92 \quad +582 \end{array}$$

$$\begin{array}{r} 262 \quad 118 \quad 263 \quad 109 \quad 522 \\ +928 \quad -22 \quad +723 \quad -87 \quad +276 \end{array}$$

$$\begin{array}{r} 348 \quad 970 \quad 629 \quad 808 \quad 842 \\ +322 \quad -732 \quad +232 \quad -222 \quad +229 \end{array}$$

CLUSTER 15

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

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

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

CLUSTER 16

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

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

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

CLUSTER 17

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

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

# MATH

CLUSTERS 14-19

15

Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 14

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

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

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

CLUSTER 19

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

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

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

CLUSTER 15

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

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

$$\begin{array}{r} 293 \quad 1,180 \\ +423 \quad -938 \end{array}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

CLUSTER 16

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

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

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

CLUSTER 18

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

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

CLUSTER 17

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

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

# MATH

CLUSTERS 15-20

16

Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 15

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

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

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

CLUSTER 20

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

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

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

CLUSTER 16

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CLUSTER 17

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

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

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

CLUSTER 18

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

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

CLUSTER 19

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

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



<b>CLUSTER 1a</b> $\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$
<b>CLUSTER 2a</b> $\begin{array}{r} 1 \quad 2 \\ +2 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 3a</b> $\begin{array}{r} 1 \quad 3 \\ +3 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 4a</b> $\begin{array}{r} 1 \quad 4 \\ +4 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 5a</b> $\begin{array}{r} 1 \quad 5 \\ +5 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 6a</b> $\begin{array}{r} 1 \quad 6 \\ +6 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 7a</b> $\begin{array}{r} 1 \quad 7 \\ +7 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 8a</b> $\begin{array}{r} 1 \quad 8 \\ +8 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 9a</b> $\begin{array}{r} 1 \quad 9 \\ +9 \quad +1 \\ \hline \end{array}$
<b>CLUSTER 10a</b> $\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$

<h1 style="text-align: center;">MATH</h1> <div style="text-align: right; font-size: 2em;">17</div>
<b>Name</b> _____ <b>Date</b> _____ <i>Addition Review Clusters 1-20</i>

<b>CLUSTER 11a</b> $\begin{array}{r} 2 \quad 3 \\ +3 \quad +2 \\ \hline \end{array}$
<b>CLUSTER 12a</b> $\begin{array}{r} 2 \quad 4 \\ +4 \quad +2 \\ \hline \end{array}$
<b>CLUSTER 13a</b> $\begin{array}{r} 2 \quad 5 \\ +5 \quad +2 \\ \hline \end{array}$
<b>CLUSTER 14a</b> $\begin{array}{r} 2 \quad 6 \\ +6 \quad +2 \\ \hline \end{array}$
<b>CLUSTER 15a</b> $\begin{array}{r} 2 \quad 7 \\ +7 \quad +2 \\ \hline \end{array}$
<b>CLUSTER 16a</b> $\begin{array}{r} 2 \quad 8 \\ +8 \quad +2 \\ \hline \end{array}$
<b>CLUSTER 17a</b> $\begin{array}{r} 2 \quad 9 \\ +9 \quad +2 \\ \hline \end{array}$
<b>CLUSTER 18a</b> $\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$
<b>CLUSTER 19a</b> $\begin{array}{r} 3 \quad 4 \\ +4 \quad +3 \\ \hline \end{array}$
<b>CLUSTER 20a</b> $\begin{array}{r} 3 \quad 5 \\ +5 \quad +3 \\ \hline \end{array}$

$\begin{array}{r} 125 \\ +543 \\ \hline \end{array}$	$\begin{array}{r} 422 \\ +286 \\ \hline \end{array}$	$\begin{array}{r} 102 \\ +988 \\ \hline \end{array}$
--	--	--

$\begin{array}{r} 229 \\ +742 \\ \hline \end{array}$	$\begin{array}{r} 272 \\ +319 \\ \hline \end{array}$	$\begin{array}{r} 339 \\ +512 \\ \hline \end{array}$
--	--	--

$\begin{array}{r} 609 \\ +271 \\ \hline \end{array}$	$\begin{array}{r} 215 \\ +862 \\ \hline \end{array}$	$\begin{array}{r} 701 \\ +249 \\ \hline \end{array}$
--	--	--

$\begin{array}{r} 131 \\ 141 \\ 215 \\ +322 \\ \hline \end{array}$	$\begin{array}{r} 111 \\ 231 \\ 522 \\ +123 \\ \hline \end{array}$	$\begin{array}{r} 263 \\ 322 \\ 201 \\ +222 \\ \hline \end{array}$
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# MATH

CLUSTERS 16-21

18

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

## CLUSTER 16

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

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

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

## CLUSTER 21

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

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

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

## CLUSTER 17

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

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

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

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

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

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

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

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

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

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

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

$$\begin{array}{r} 312 \\ +398 \end{array}$$

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

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

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

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

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

## CLUSTER 19

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

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

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

## CLUSTER 18

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

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

## CLUSTER 20

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

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

Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 11

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

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

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

CLUSTER 13

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

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

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

CLUSTER 14

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CLUSTER 16

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

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

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

CLUSTER 10

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

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

CLUSTER 17

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

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

# MATH

CLUSTERS 17-22

20

Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 17

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

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

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

CLUSTER 22

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

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

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

CLUSTER 19

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{array}{r} 2,943 \\ 6,235 \end{array}$$

CLUSTER 21

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

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

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

CLUSTER 18

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

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

CLUSTER 20

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

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

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

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

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

CLUSTER 23	
$\begin{array}{r} 3 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +3 \\ \hline \end{array}$
$\begin{array}{r} 11 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -8 \\ \hline \end{array}$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<p>CLUSTER 19</p> $\begin{array}{r} 3 \quad 4 \\ +4 \quad +3 \\ \hline \end{array}$ $\begin{array}{r} 7 \quad 7 \\ -3 \quad -4 \\ \hline \end{array}$	<p>CLUSTER 20</p> $\begin{array}{r} 3 \quad 5 \\ +5 \quad +3 \\ \hline \end{array}$ $\begin{array}{r} 8 \quad 8 \\ -3 \quad -5 \\ \hline \end{array}$	<p>CLUSTER 18</p> $\begin{array}{r} 3 \quad 6 \\ +3 \quad -3 \\ \hline \end{array}$	<p>CLUSTER 21</p> $\begin{array}{r} 3 \quad 6 \\ +6 \quad +3 \\ \hline \end{array}$ $\begin{array}{r} 9 \quad 9 \\ -3 \quad -6 \\ \hline \end{array}$	<p>CLUSTER 22</p> $\begin{array}{r} 3 \quad 7 \\ +7 \quad +3 \\ \hline \end{array}$ $\begin{array}{r} 10 \quad 10 \\ -3 \quad -7 \\ \hline \end{array}$
---	---	---	---	---

Name \_\_\_\_\_

Date \_\_\_\_\_

CLUSTER 19

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

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

CLUSTER 24

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

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

CLUSTER 20

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CLUSTER 21

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

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

CLUSTER 22

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

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

CLUSTER 23

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

# MATH

23

REVIEW CLUSTERS 9, 12, 15, 18-19

Name \_\_\_\_\_

Date \_\_\_\_\_

$$\begin{array}{r} 324 \\ +373 \\ \hline \end{array}$$

$$\begin{array}{r} 143 \\ +924 \\ \hline \end{array}$$

$$\begin{array}{r} 697 \\ -324 \\ \hline \end{array}$$

$$\begin{array}{r} 100 \\ -29 \\ \hline \end{array}$$

$$\begin{array}{r} 493 \\ +214 \\ \hline \end{array}$$

$$\begin{array}{r} 243 \\ +433 \\ \hline \end{array}$$

$$\begin{array}{r} 707 \\ -293 \\ \hline \end{array}$$

$$\begin{array}{r} 670 \\ -321 \\ \hline \end{array}$$

$$\begin{array}{r} 127 \\ +942 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ +947 \\ \hline \end{array}$$

$$\begin{array}{r} 796 \\ -474 \\ \hline \end{array}$$

$$\begin{array}{r} 979 \\ -247 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ 73 \\ +912 \\ \hline \end{array}$$

$$\begin{array}{r} 909 \\ +91 \\ \hline \end{array}$$

$$\begin{array}{r} 809 \\ -312 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ -391 \\ \hline \end{array}$$

## FACTS

### CLUSTER 9

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

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

### CLUSTER 12

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

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

### CLUSTER 15

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

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

### CLUSTER 18

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

### CLUSTER 19

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

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

# MATH

24

CLUSTERS 20-25

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

**CLUSTER 20**

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

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

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

**CLUSTER 25**

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

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

**CLUSTER 21**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{array}{r} +433 \end{array}$$

$$\begin{array}{r} 892 \quad 3,223 \\ -459 \quad +8,697 \end{array}$$

**CLUSTER 22**

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

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

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

**CLUSTER 23**

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

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

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

**CLUSTER 24**

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

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



Name \_\_\_\_\_

Date \_\_\_\_\_

$\begin{array}{r} 26 \\ +22 \\ \hline \end{array}$	$\begin{array}{r} 592 \\ +222 \\ \hline \end{array}$	$\begin{array}{r} 487 \\ -262 \\ \hline \end{array}$	$\begin{array}{r} 921 \\ -292 \\ \hline \end{array}$
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$\begin{array}{r} 42 \\ +28 \\ \hline \end{array}$	$\begin{array}{r} 118 \\ +592 \\ \hline \end{array}$	$\begin{array}{r} 791 \\ -529 \\ \hline \end{array}$	$\begin{array}{r} 810 \\ -582 \\ \hline \end{array}$
--	--	--	--

$\begin{array}{r} 172 \\ +529 \\ \hline \end{array}$	$\begin{array}{r} 625 \\ +262 \\ \hline \end{array}$	$\begin{array}{r} 920 \\ -622 \\ \hline \end{array}$	$\begin{array}{r} 488 \\ -262 \\ \hline \end{array}$
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$\begin{array}{r} 912 \\ +268 \\ \hline \end{array}$	$\begin{array}{r} 219 \\ +822 \\ \hline \end{array}$	$\begin{array}{r} 507 \\ -282 \\ \hline \end{array}$	$\begin{array}{r} 781 \\ -252 \\ \hline \end{array}$
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## FACTS

### CLUSTER 10

$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$
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### CLUSTER 13

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

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

### CLUSTER 14

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

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

### CLUSTER 16

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

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

### CLUSTER 17

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

$\begin{array}{r} 11 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ -9 \\ \hline \end{array}$
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# MATH

CLUSTERS 21-26

26

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

## CLUSTER 21

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

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

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

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

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

## CLUSTER 26

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

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

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

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

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

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

## CLUSTER 22

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

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

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

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

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

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

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

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

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

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

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

## CLUSTER 23

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

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

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

## CLUSTER 25

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

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

## CLUSTER 24

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

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