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## TANGY TUESDAY

Fun brain puzzles that make you smarter!


## DIGICROSS

Complete the crossword by filling in a word that fits each clue.

one whole eight seven fifty less tens longer fifty-four

ACROSS

1. $753=700+$ $\qquad$ $+3$
2. 12-4
3. 2 rows of 3 cups are $\qquad$ cups
4. 1 penny = $\qquad$ ¢
5. 1 yard is ___ than 1 foot$+3$

## DOWN

1. $20+30+4$
2. $187=1$ hundred $+8 \ldots+7$ ones
3. $8+$ $\qquad$ = 15
4. 3 thirds make a $\qquad$
5. $\quad 961$ is $\qquad$ than 965
$\qquad$

Fill in each blank box in order, combining the numbers from the previous two boxes.


| 1 +4  +10  -5  -9  |
| :--- |
|  +1  +1  +8  -17 |


| -7 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | +4 |  | +12 |  | -9 |  | -9 | 2 |

$\qquad$

In each empty box, write the matching value between adjacent cards.

| 17 | $10+1$ |
| :---: | :---: |
| $\vdots$ | twenty <br> four |


| 13 | $20+8$ |
| :---: | :---: |
| $\vdots$ | fourteen |


$\square$| 24 | $10+6$ |  |
| :--- | :--- | :--- |
|  | $\vdots:$ | thirteen |
|  | $\vdots:$ |  |



| 18 | $20+9$ |
| :---: | :---: |
| $\vdots$ | eleven |
| $\vdots$ |  |





$\square$| 16 | $10+7$ |  |
| :---: | :---: | :---: |
|  | $:$ | twenty <br> eight |

$\qquad$

## KAKOOMA

In each 6-number group, find the one number that is the sum of two other numbers. Use all 6 sums to create a final puzzle, then solve for the final answer.


Final Puzzle


Final Answer

$\qquad$

Fill in the empty boxes to make every horizontal and vertical equation correct. Read equations left to right and top to bottom. Use every number in the bank once.

$$
\begin{array}{llllll}
1 & 2 & 3 & 4 & 5 & 6
\end{array}
$$

| 8 | - | 3 | + |  | $=$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| + |  | + |  | $=$ |  | + |
| 5 | + |  | - |  | $=$ | 7 |
| - |  | - |  | + |  | - |
| 9 | + | 1 | - | 2 | $=$ | 8 |
| $=$ |  | $=$ |  | - |  | $=$ |
| 4 | $=$ | 6 | + |  | - |  |

