

WELCOME BACK

TANGY TUESDAY PUZZLE PACK!

Fun brain puzzles that make you smarter!

GRADE
5+

PACK 1
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WEEK
1



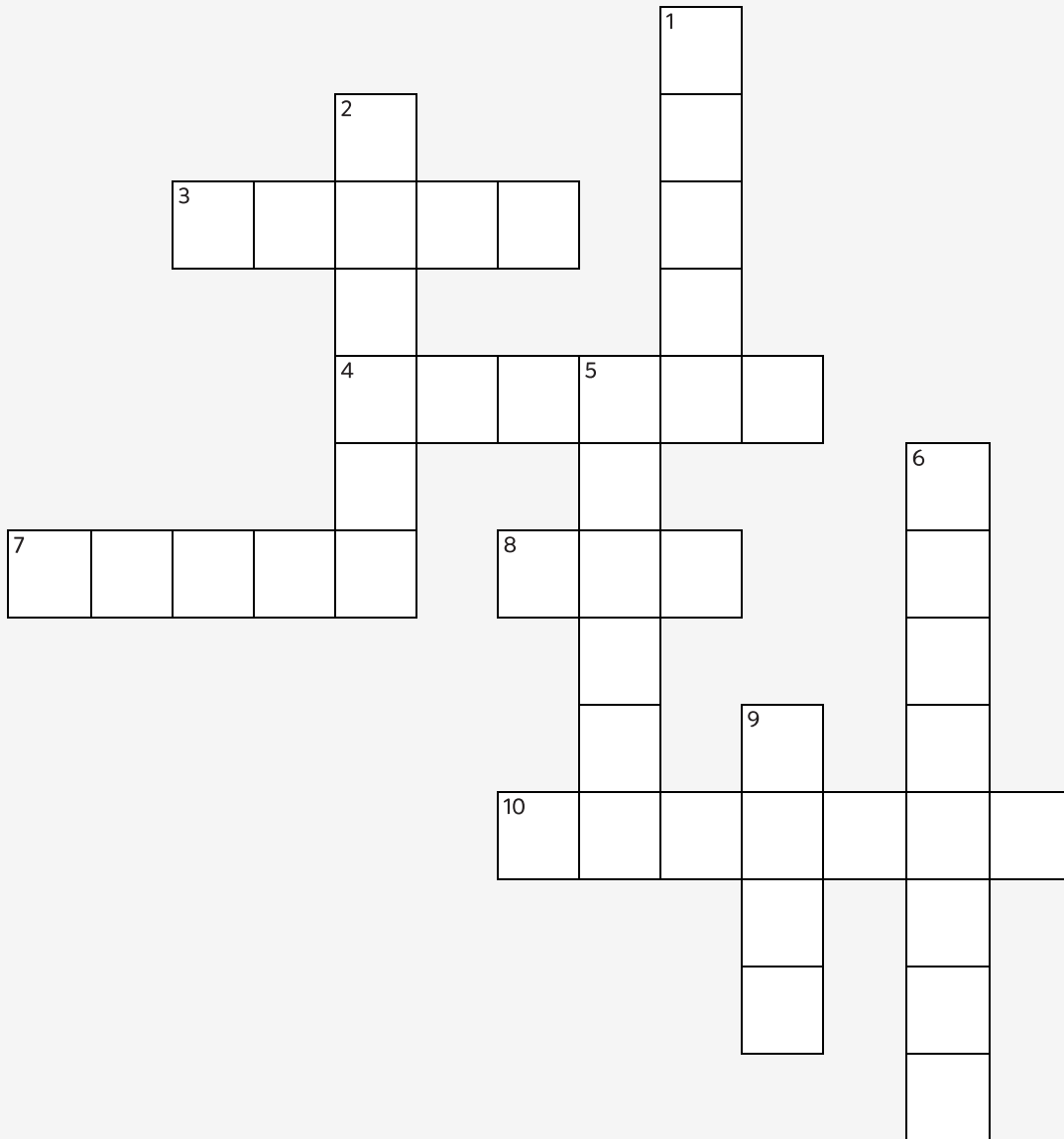
DIGICROSS

TANGY TUESDAY PUZZLE PACK
5.1.1

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



power ninths forty sixth less fourteen seventy twelve twenty ten

ACROSS

3. $100 = 10$ to the 2nd ____
4. $\frac{1}{3} + \frac{1}{9} = 4$ ____
7. $.14 + .26 =$ ____ hundredths
8. 1 is $\frac{1}{10}$ of ____
10. $7.0 =$ ____ tenths

DOWN

1. $\frac{1}{3} \div 2 =$ one ____
2. $\frac{2}{3}$ of 30
5. $216 \div 18 =$ ____
6. $5 + 3 \times 5 - 6$
9. $\frac{7}{8} \times 16$ is ____ than 16

SNAKE

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5.11

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

| | | | | | | | | |
|---|-------------|--|-------|--|----------|--|------------|--|
| 9 | $\times 10$ | | -86 | | $\div 2$ | | $\times 5$ | |
|---|-------------|--|-------|--|----------|--|------------|--|

| |
|------|
| -4 |
|------|

| | | | | | | |
|--|----------|--|-------------|--|-------|----|
| | $\div 4$ | | $\times 10$ | | -38 | 32 |
|--|----------|--|-------------|--|-------|----|

| |
|----------|
| $\div 2$ |
|----------|

| |
|-------|
| -42 |
|-------|

| | | | | | | | | |
|--|-------------|--|----------|--|-------|--|------------|--|
| | $\times 10$ | | $\div 3$ | | $+12$ | | $\times 3$ | |
|--|-------------|--|----------|--|-------|--|------------|--|

| | | |
|---|------------|--|
| 8 | $\times 9$ | |
|---|------------|--|

| | | | | |
|--|----------|--|------------|--|
| | $\div 2$ | | $\times 5$ | |
|--|----------|--|------------|--|

| |
|-------|
| -60 |
|-------|

| |
|-------|
| -32 |
|-------|

| |
|------|
| $+5$ |
|------|

| | | |
|--|----------|--|
| | $\div 2$ | |
|--|----------|--|

| | | |
|--|----------|--|
| | $\div 5$ | |
|--|----------|--|

| |
|------------|
| $\times 6$ |
|------------|

| |
|------------|
| $\times 6$ |
|------------|

| |
|------------|
| $\times 5$ |
|------------|

| | | | | |
|--|-------|--|----------|--|
| | -12 | | $\div 3$ | |
|--|-------|--|----------|--|

| | | |
|--|------|----|
| | -5 | 40 |
|--|------|----|

NUMTANGA

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

| | |
|---------------|----------|
| $\frac{1}{6}$ | |
| | one half |

| | |
|---------------|-----------|
| $\frac{1}{4}$ | |
| | one fifth |

| | |
|---------------|---------------|
| $\frac{1}{8}$ | |
| | seven eighths |

| | |
|---------------|-----------|
| $\frac{3}{4}$ | |
| | one third |

| | |
|---------------|---------------|
| $\frac{4}{5}$ | |
| | three eighths |

| | |
|---------------|---------------|
| $\frac{5}{8}$ | |
| | three fourths |

| | |
|---------------|------------|
| $\frac{1}{2}$ | |
| | one eighth |

| | |
|---------------|-------------|
| $\frac{7}{8}$ | |
| | four fifths |

| | |
|---------------|-------------|
| $\frac{1}{3}$ | |
| | five sixths |

KAKOOMA

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Puzzled? In each 8-number square, find the number that is the sum of 2 other numbers.
Use all 8 sums to create 1 final addition puzzle and solve.

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 24 | 13 | 5 | 23 | 22 | 8 | 14 | 15 | 20 |
| 1 | | 10 | 19 | | 6 | 13 | | 25 |
| 2 | 6 | 21 | 20 | 18 | 10 | 19 | 17 | 7 |
| 16 | 15 | 11 | X | | | 2 | 14 | 22 |
| 21 | | 12 | | | | 23 | | 8 |
| 24 | 6 | 2 | | | | 13 | 17 | 18 |
| 20 | 19 | 21 | 10 | 5 | 25 | 13 | 12 | 21 |
| 24 | | 7 | 17 | | 14 | 7 | | 17 |
| 8 | 18 | 4 | 1 | 16 | 23 | 1 | 23 | 3 |

| | | |
|--|---|--|
| | | |
| | + | |
| | | |



Final
answer:

EQUATO

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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.

1 2 3 4 5 6 7 8 9

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9 | - | 8 | × | | = | | - | 6 |
| = | | × | | × | | - | | - |
| 3 | - | | + | 4 | = | 5 | × | 1 |
| × | | - | | + | | + | | - |
| 4 | = | 2 | × | 5 | - | 9 | + | |
| - | | - | | - | | - | | + |
| | - | 7 | + | 6 | ÷ | 2 | = | |
| + | | = | | = | | = | | = |
| | + | 7 | + | 3 | - | | = | |