



# TANGY TUESDAY PUZZLE PACK!

*Fun brain puzzles that make you smarter!*

GRADE  
6

Halloween  
[tangmath.com](http://tangmath.com)

Bonus  
Pack



# WORD SEARCH

TANGY TUESDAY PUZZLE PACK  
5.1.8

Name: \_\_\_\_\_

tangmath.com © Greg Tang

Spell your answers, then search for them below.  
Hidden words are spelled left to right and top to bottom.

one   ten   seven   greater   sixty   twelfth   second   three   eighteen

- 10<sup>2</sup> means 10 to the \_\_\_\_ power

\_\_\_\_\_
- .1 ÷ \_\_\_\_ = .01

\_\_\_\_\_
- 1.8 = \_\_\_\_ tenths

\_\_\_\_\_
- 357 ÷ 17 = twenty-\_\_\_\_

\_\_\_\_\_
- 1/3 + 1/6 = \_\_\_\_ sixths

\_\_\_\_\_
- 3/4 of 80

\_\_\_\_\_
- 1/4 ÷ 3 = one \_\_\_\_

\_\_\_\_\_
- 11/10 x 50 is \_\_\_\_ than 50

\_\_\_\_\_
- 420 minutes = \_\_\_\_ hours

\_\_\_\_\_

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| t | w | e | l | f | t | h | o |
| t | s | i | x | t | y | j | i |
| n | s | g | y | m | s | a | u |
| o | t | h | r | e | e | y | s |
| w | y | t | a | b | o | v | e |
| b | s | e | c | o | n | d | v |
| g | r | e | a | t | e | r | e |
| n | b | n | c | b | t | e | n |

# SNAKE

TANGY TUESDAY PUZZLE PACK  
5.1.9

Name: \_\_\_\_\_

tangmath.com © Greg Tang

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

|            |            |       |          |            |          |  |            |       |
|------------|------------|-------|----------|------------|----------|--|------------|-------|
| 6          | $\times 7$ |       |          |            | $\div 3$ |  | $\times 8$ |       |
|            |            | $-34$ |          | $-42$      |          |  |            | $-14$ |
|            | $\div 2$   |       |          |            |          |  | $\div 6$   |       |
| $\times 9$ |            |       |          | $\times 9$ |          |  | $\times 5$ |       |
|            | $-1$       |       | $\div 5$ |            |          |  | $-5$       | 30    |

|   |            |  |       |  |          |  |            |      |
|---|------------|--|-------|--|----------|--|------------|------|
| 3 | $\times 3$ |  | $+23$ |  | $\div 4$ |  | $\times 7$ |      |
|   |            |  |       |  |          |  |            | $-8$ |

|            |          |  |          |  |             |  |          |    |
|------------|----------|--|----------|--|-------------|--|----------|----|
|            | $\div 7$ |  | $-31$    |  | $\times 10$ |  | $\div 6$ |    |
| $\times 5$ |          |  |          |  |             |  |          |    |
|            | $+28$    |  | $\div 7$ |  | $\times 2$  |  | $+6$     | 24 |

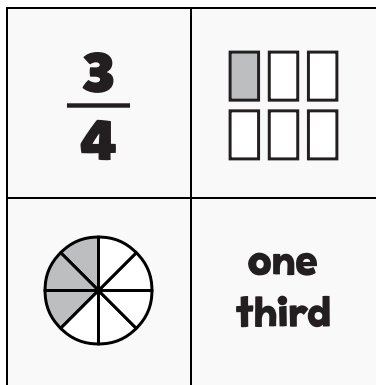
# NUMTANGA

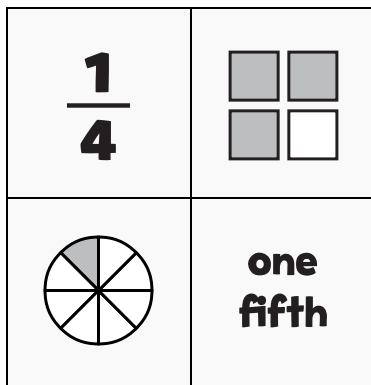
TANGY TUESDAY PUZZLE PACK  
5.1.9

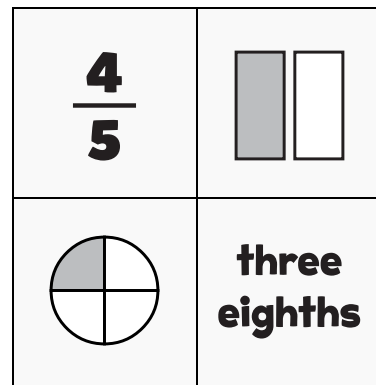
Name: \_\_\_\_\_

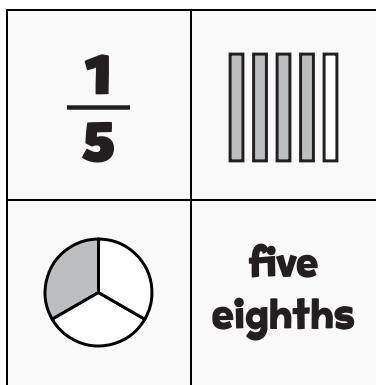
tangmath.com © Greg Tang

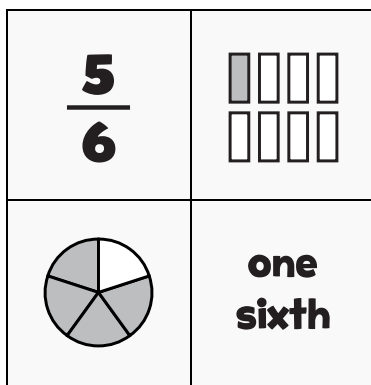
In each empty box, write the matching value between adjacent cards.

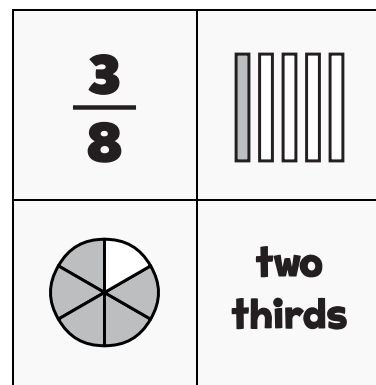


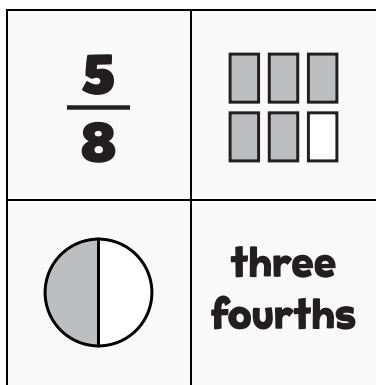


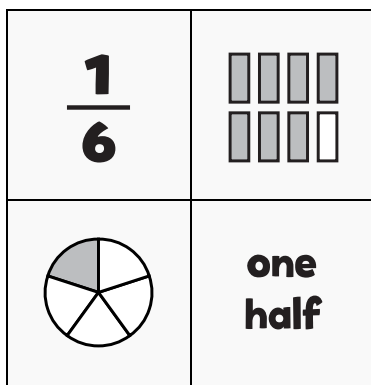


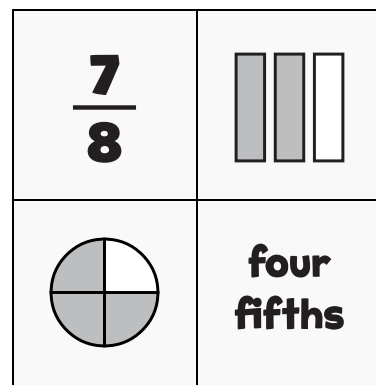












# MAZE

TANGY TUESDAY PUZZLE PACK

5.1.8

Name: \_\_\_\_\_

tangmath.com © Greg Tang

Find a path through the maze from top to bottom.  
Draw a circle around the problem if the answer is a factor of 12.

|                      |                      |                      |                     |                      |
|----------------------|----------------------|----------------------|---------------------|----------------------|
| $8 \times 50 - 393$  | $3 \times 16 - 43$   | $4 \times 11 - 41$   | $45 - 5 \times 7$   | $238 - 10 \times 23$ |
| $3 \times 20 - 50$   | $60 - 6 \times 8$    | $87 - 9 \times 9$    | $21 \times 4 - 75$  | $11 \times 12 - 123$ |
| $6 \times 30 - 174$  | $50 - 6 \times 8$    | $10 \times 9 - 85$   | $7 \times 11 - 69$  | $6 \times 50 - 293$  |
| $33 - 3 \times 10$   | $71 - 9 \times 7$    | $140 - 13 \times 10$ | $86 - 7 \times 11$  | $6 \times 50 - 293$  |
| $11 \times 11 - 109$ | $8 \times 50 - 390$  | $129 - 6 \times 20$  | $10 \times 5 - 42$  | $71 - 9 \times 7$    |
| $184 - 10 \times 18$ | $140 - 13 \times 10$ | $129 - 6 \times 20$  | $4 \times 7 - 21$   | $21 \times 4 - 75$   |
| $3 \times 9 - 15$    | $59 - 7 \times 8$    | $238 - 10 \times 23$ | $8 \times 50 - 393$ | $42 - 7 \times 5$    |
| $3 \times 6 - 8$     | $10 \times 30 - 296$ | $40 - 4 \times 9$    | $5 \times 12 - 58$  | $8 \times 12 - 92$   |
| $3 \times 20 - 50$   | $10 \times 9 - 85$   | $6 \times 50 - 293$  | $11 \times 8 - 79$  | $51 - 9 \times 5$    |
| $4 \times 7 - 21$    | $129 - 6 \times 20$  | $289 - 40 \times 7$  | $108 - 9 \times 11$ | $10 \times 8 - 78$   |

# EQUATO

TANGY TUESDAY PUZZLE PACK  
5.1.9

Name: \_\_\_\_\_

tangmath.com © Greg Tang

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

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