

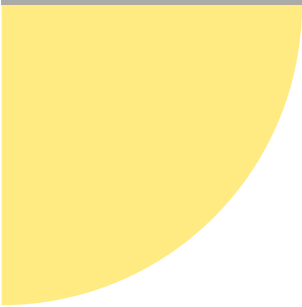
Name: \_\_\_\_\_

**TANGY TUESDAY™**

PACK	LEVEL	WEEK
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3	E	28
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Step-by-step examples at [tangmath.com/tutorials](http://tangmath.com/tutorials)



# TANGY TUESDAY

## Pack 3

Tang-A-Row · Gridlock · Shape Up · Pictarithms · Mystery Numbers

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

TANGY TUESDAY™

# TANG-A-ROW

Step-by-step examples at [tangmath.com/tutorials](http://tangmath.com/tutorials)

PACK	LEVEL	WEEK
3	E	28

Make the equations true using each number from the number bank once.

## DIGIT BANK

1 2 3 4 5 6 7 8 9

$$\begin{array}{ccccccc} & & & & \times & & = 56 \\ & & \_\_\_ & & & \_\_\_ & \\ & & & & & & \\ & & & & \times & & = 65 \\ \_\_\_ & \_\_\_ & & & & \_\_\_ & \\ & & & & & & \\ \_\_\_ & \_\_\_ & - & \_\_\_ & \square & & = 28 \end{array}$$

What number am I?

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

# GRIDLOCK

Step-by-step examples at [tangmath.com/tutorials](http://tangmath.com/tutorials)

TANGY TUESDAY™		
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Complete the grid, using each item in the bank once.  
Use column and row clues to determine the correct position for each item.

## NUMBER BANK

2 9 27 46 55 57 64 78 81

	PERFECT SQUARE	ODD NUMBER	EVEN NUMBER
SUM OF BOTH DIGITS IS 10			
MULTIPLE OF 3			
FACTOR OF 54			

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

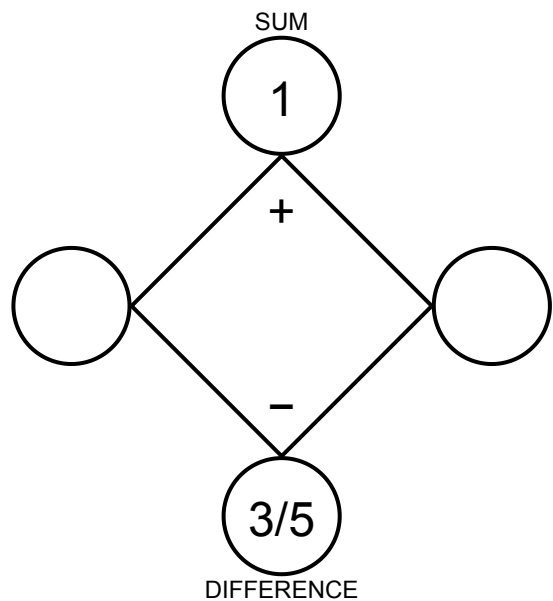
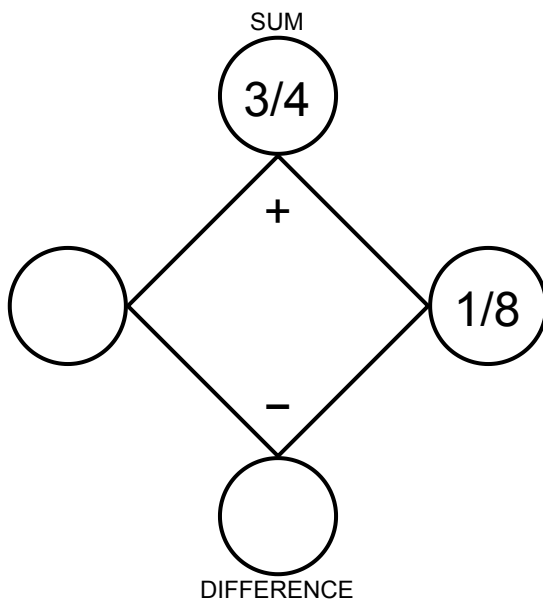
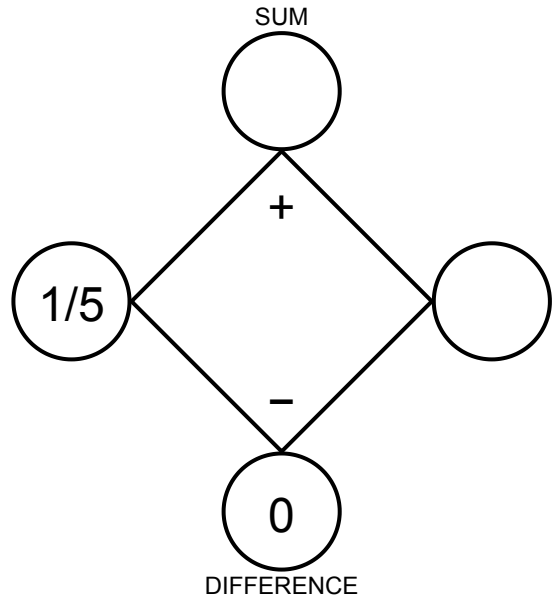
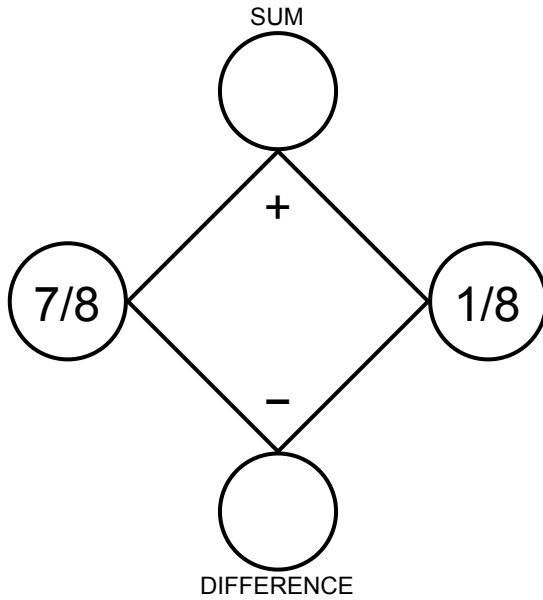
# SHAPE UP

Step-by-step examples at [tangmath.com/tutorials](http://tangmath.com/tutorials)

TANGY TUESDAY™

PACK	LEVEL	WEEK
3	E	28

Fill in the missing numbers so that the values on the left and right go together to make the values at the top and bottom.



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

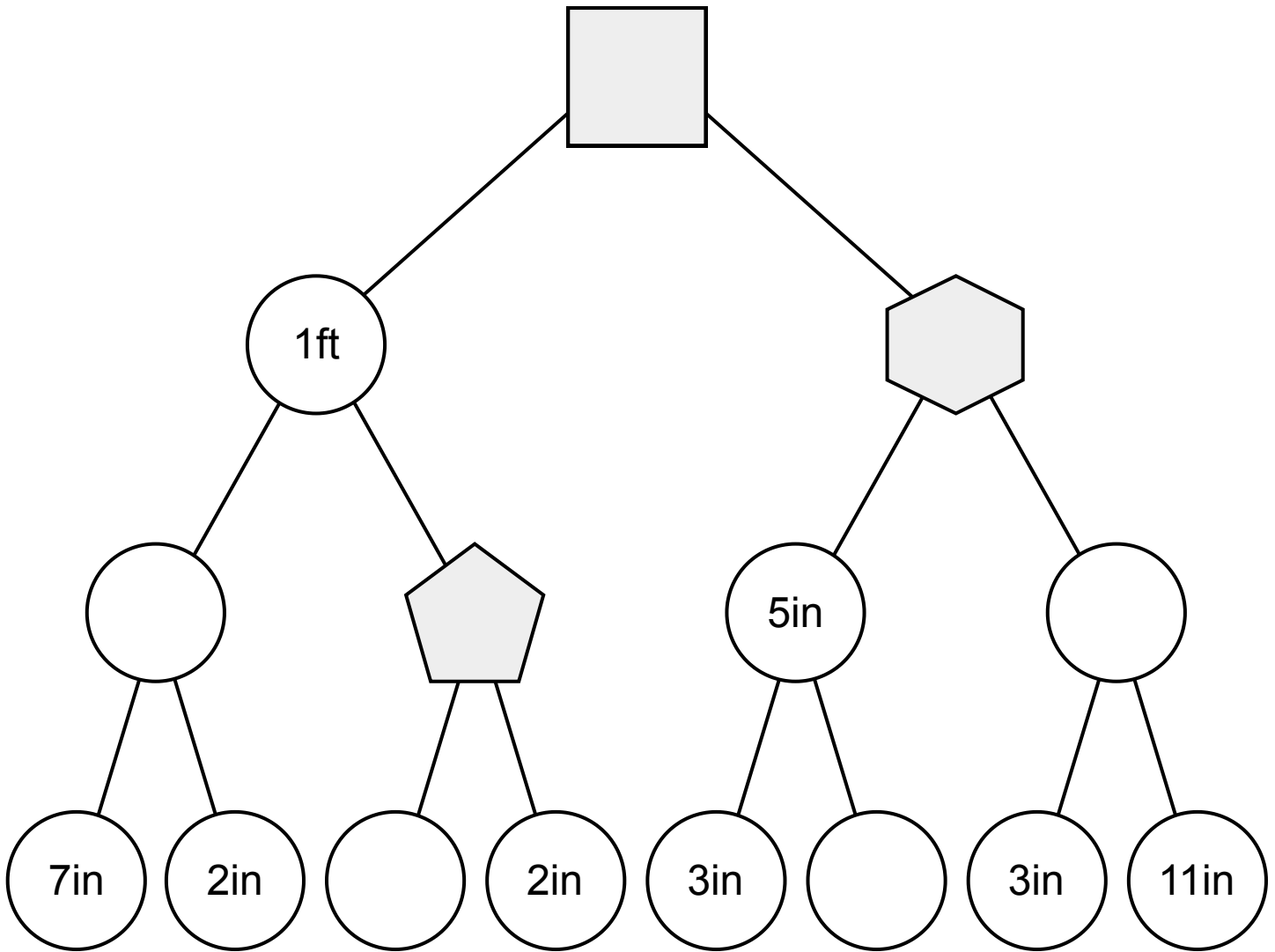
**TANGY TUESDAY™**

# PICTARITHMS

PACK	LEVEL	WEEK
3	E	28

Step-by-step examples at [tangmath.com/tutorials](http://tangmath.com/tutorials)

Figure out the value of each shape. Then complete the equation at the bottom.



$$\square - \text{pentagon} + \text{hexagon} = \underline{\hspace{2cm}}$$

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

**TANGY TUESDAY™**

# MYSTERY NUMBERS

Step-by-step examples at [tangmath.com/tutorials](http://tangmath.com/tutorials)

PACK	LEVEL	WEEK
3	E	28

Use the digits and clues to discover the mystery numbers.  
No digit can be used more than once in each mystery number.

## DIGIT BANK

5 7 4 6

1. The largest 3-digit number where the product of the digits is 168.

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2. The only number less than 500 that is a multiple of 7.

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3. The number between 500 and 600 that is divisible by both 8 and 9.

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4. The largest 3-digit number where ones digit is  $\frac{1}{3}$  the sum of the hundreds and tens digits.

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