Name:_____

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Tangy Tuesday
Pack 3

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

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TANG-A-ROW

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

DIGIT BANK

1 2 3 4 5 6 7 8 9

$$\underline{\quad} \times \underline{\quad} = 45$$

$$\underline{\quad}\,\underline{\quad} \times \underline{\quad} = 91$$

$$\underline{\quad}\,\underline{\quad} - \underline{\quad}\,\boxed{\quad} = 62$$

What number am I? $\boxed{}$

GRIDLOCK

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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   11   46   53   55   57   66   84   91

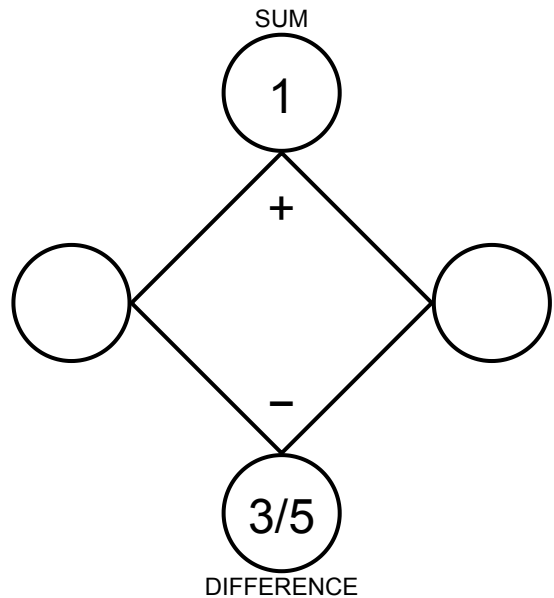|	EVEN NUMBER	TENS DIGIT IS THE SAME AS ONES DIGIT	ODD NUMBER
SUM OF BOTH DIGITS IS 10			
MULTIPLE OF 3			
PRIME NUMBER			

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SHAPE UP

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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.

SUM

+

3/5   1/5

−
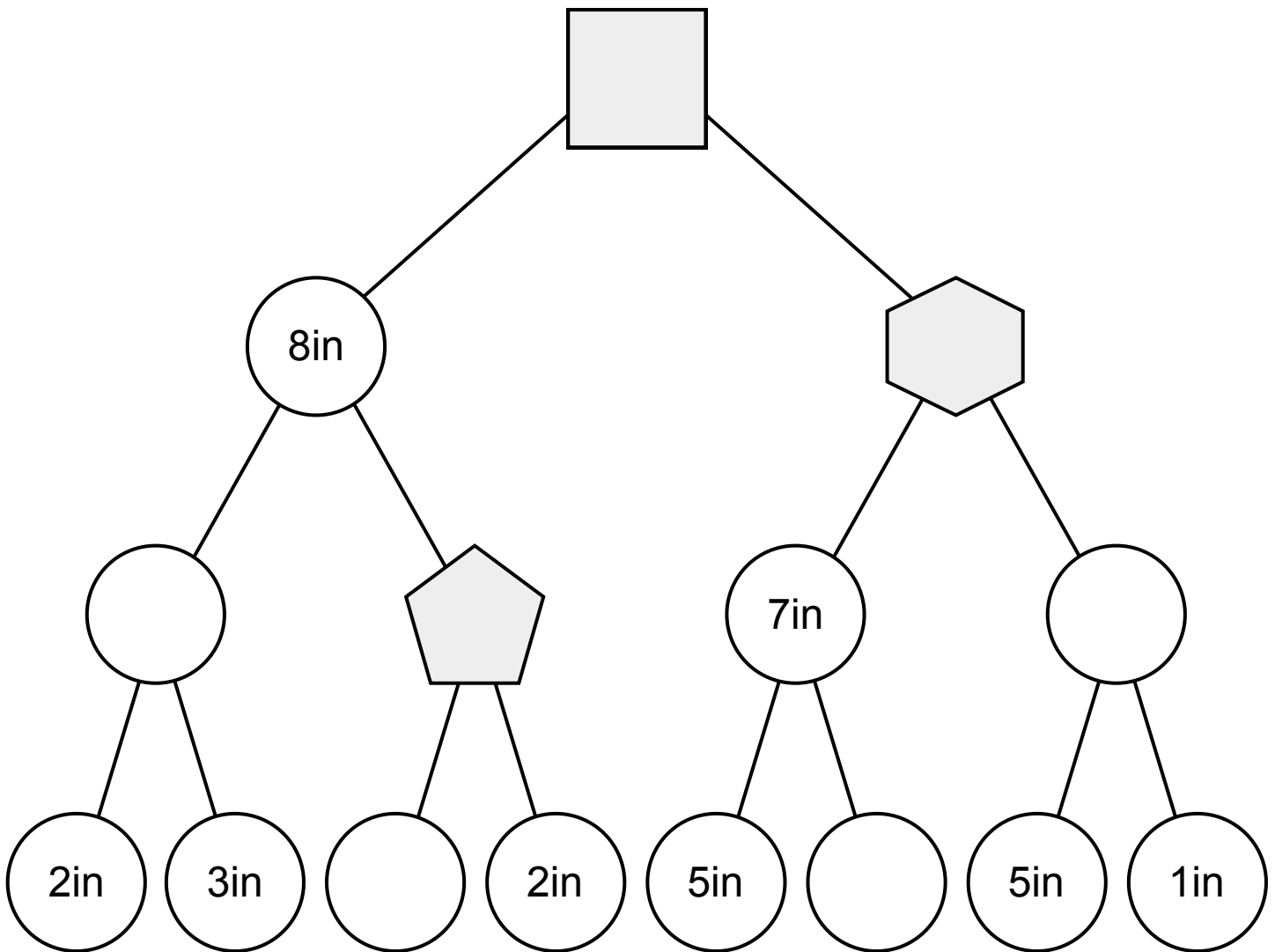
DIFFERENCE

SUM

+

5/8

−

1/4

DIFFERENCE

SUM

1/2

+

1/4

−

DIFFERENCE

SUM

1

+

−

3/5

DIFFERENCE
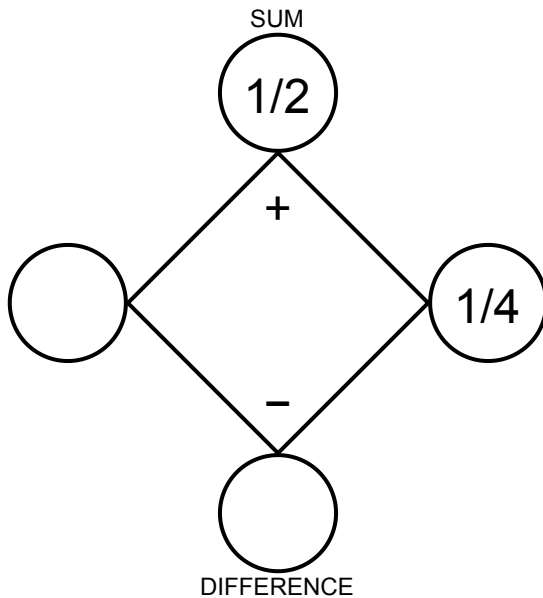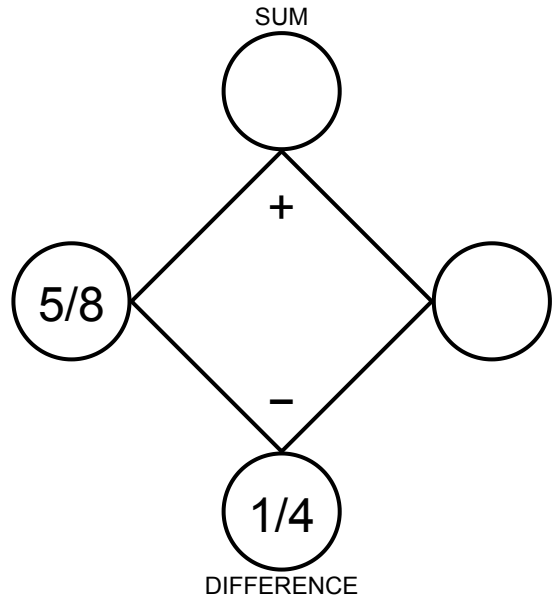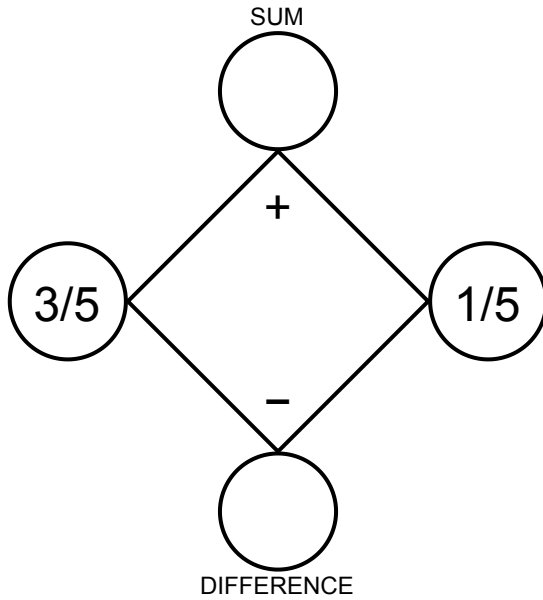
Name:_____

PICTARITHMS

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

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MYSTERY NUMBERS
Step-by-step examples at tangmath.com/tutorials

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 8 3 6

1. The largest 3-digit number where the product of the digits is 144.

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

3. The number between 800 and 900 that is divisible by both 4 and 8.

4. The largest 3-digit number where the product of the hundreds and tens digits is twice the product of the tens and ones digits.

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