

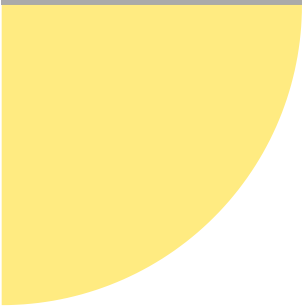
Name: \_\_\_\_\_

**TANGY TUESDAY™**

PACK	LEVEL	WEEK
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3	E	27
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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: \_\_\_\_\_

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# TANG-A-ROW

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

PACK	LEVEL	WEEK
3	E	27

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

## DIGIT BANK

1 2 3 4 5 6 7 8 9

$$\underline{\quad 5 \quad} \times \underline{\quad 9 \quad} = 45$$

$$\underline{\quad 1 \quad} \underline{\quad 3 \quad} \times \underline{\quad 7 \quad} = 91$$

$$\underline{\quad 8 \quad} \underline{\quad 6 \quad} - \underline{\quad 2 \quad} \boxed{4} = 62$$

What number am I?

$\boxed{4}$

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

# 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

	<b>EVEN NUMBER</b>	<b>TENS DIGIT IS THE SAME AS ONES DIGIT</b>	<b>ODD NUMBER</b>
<b>SUM OF BOTH DIGITS IS 10</b>	46	55	91
<b>MULTIPLE OF 3</b>	84	66	57
<b>PRIME NUMBER</b>	2	11	53

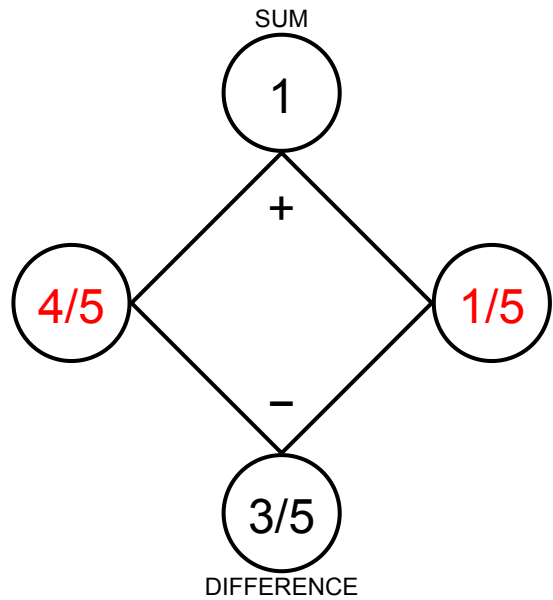
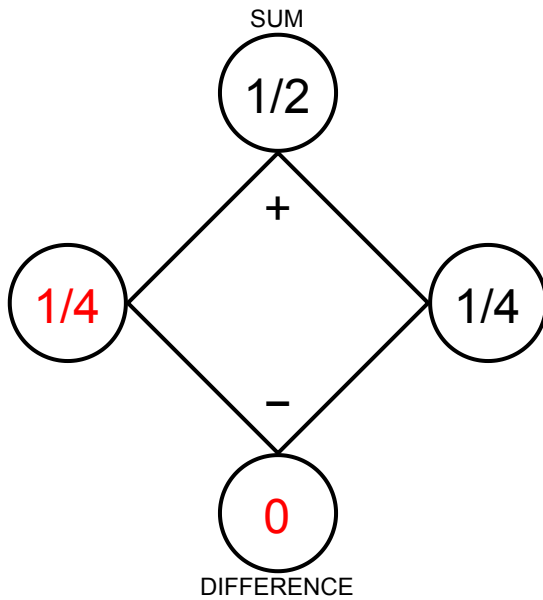
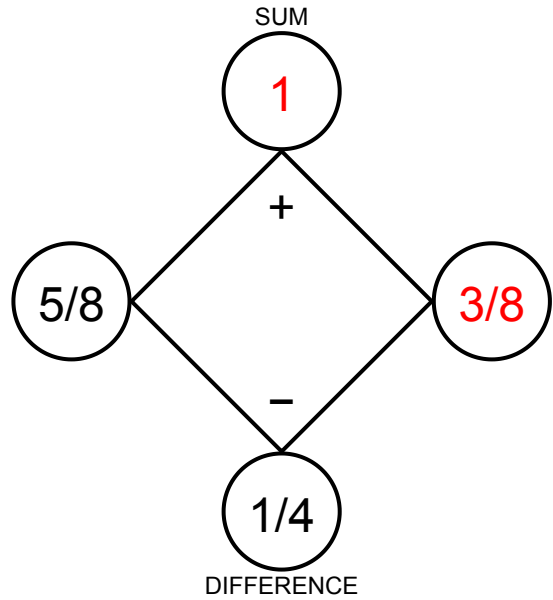
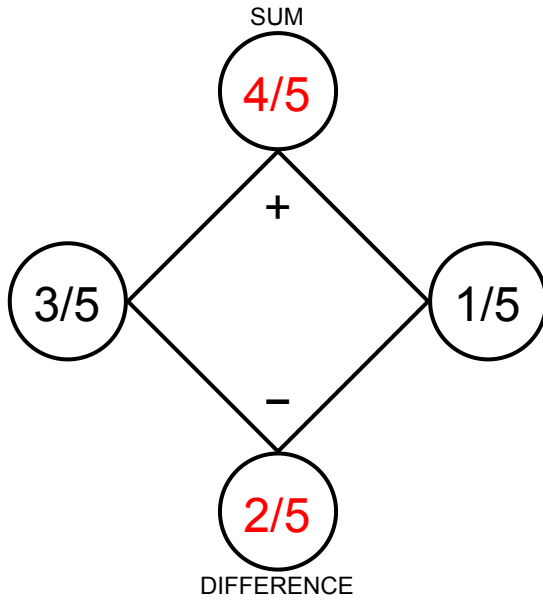
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# SHAPE UP

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

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PACK	LEVEL	WEEK
3	E	27

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: \_\_\_\_\_

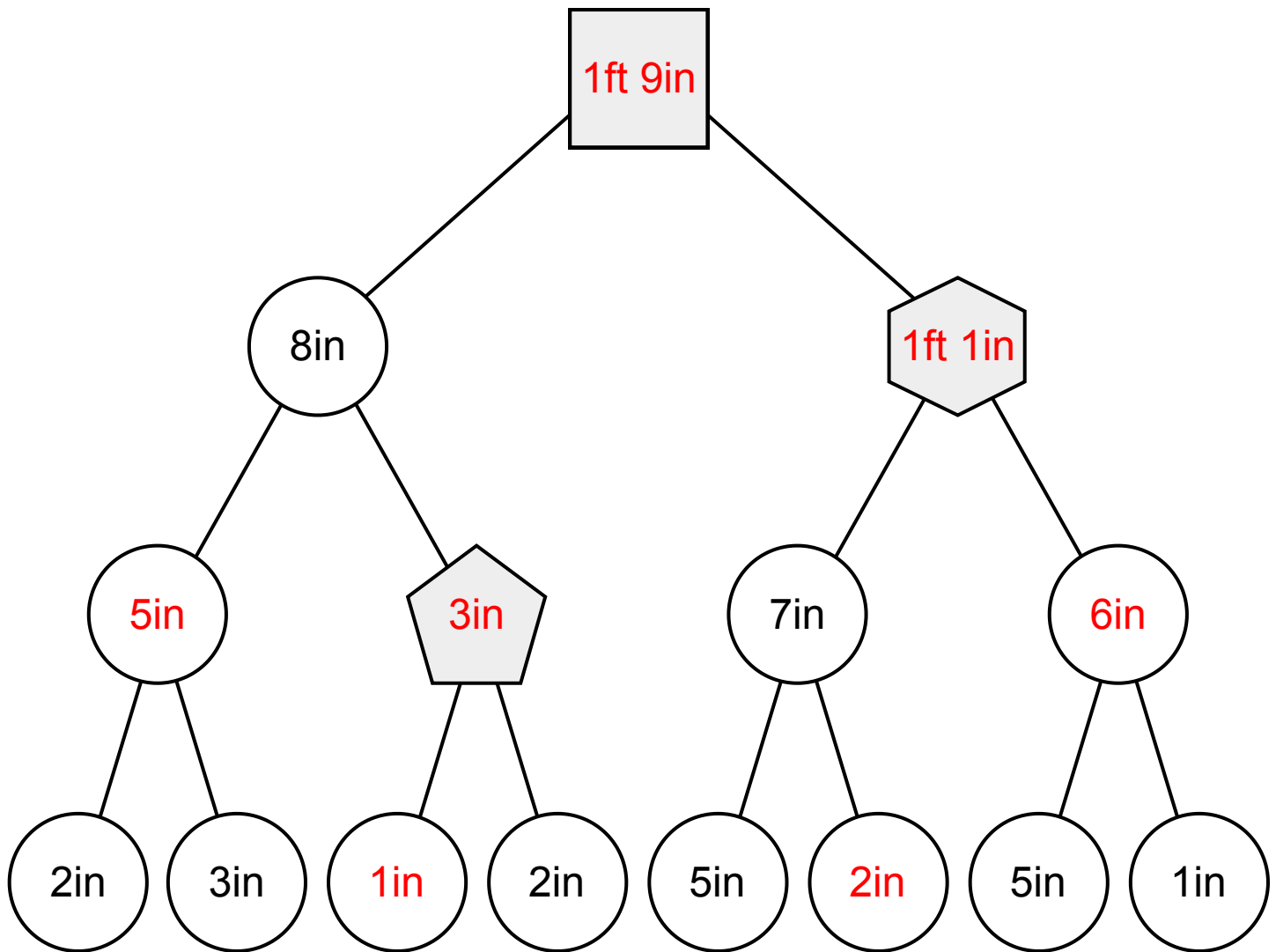
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# PICTARITHMS

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

PACK	LEVEL	WEEK
3	E	27

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



$$\boxed{1\text{ft } 9\text{in}} - \text{Pentagon } (3\text{in}) + \text{Hexagon } (1\text{ft } 1\text{in}) = \underline{\hspace{2cm}}$$

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

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# MYSTERY NUMBERS

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

PACK	LEVEL	WEEK
3	E	27

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.

8	6	3
---	---	---

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

3	8	5
---	---	---

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

8	5	6
---	---	---

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.

6	8	3
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