

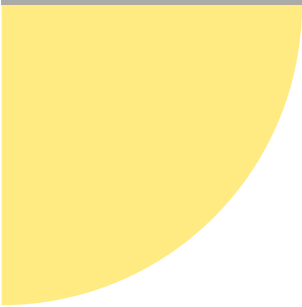
Name: _____

TANGY TUESDAY™

PACK	LEVEL	WEEK
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3	E	26
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Step-by-step examples at tangmath.com/tutorials



TANGY TUESDAY

Pack 3

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

Name: _____

TANG-A-ROW

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TANGY TUESDAY™

PACK	LEVEL	WEEK
3	E	26

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

DIGIT BANK

1 2 3 4 5 6 7 8 9

$$\begin{array}{r} 1 \\ \hline \end{array} \begin{array}{r} 3 \\ \hline \end{array} \times \begin{array}{r} 7 \\ \hline \end{array} = 91$$

$$\begin{array}{r} 5 \\ \hline \end{array} \begin{array}{r} 2 \\ \hline \end{array} \div \begin{array}{r} 4 \\ \hline \end{array} = 13$$

$$\begin{array}{r} 6 \\ \hline \end{array} \begin{array}{r} 9 \\ \hline \end{array} - \begin{array}{r} 8 \\ \hline \end{array} = 61$$

What number am I?

8

Name: _____

TANGY TUESDAY™

GRIDLOCK

PACK	LEVEL	WEEK
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3

E

26

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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

3 4 6 9 18 27 37 64 82

	ODD NUMBER	EVEN NUMBER	PERFECT SQUARE
SUM OF BOTH DIGITS IS 10	37	82	64
FACTOR OF 24	3	6	4
MULTIPLE OF 9	27	18	9

Name: _____

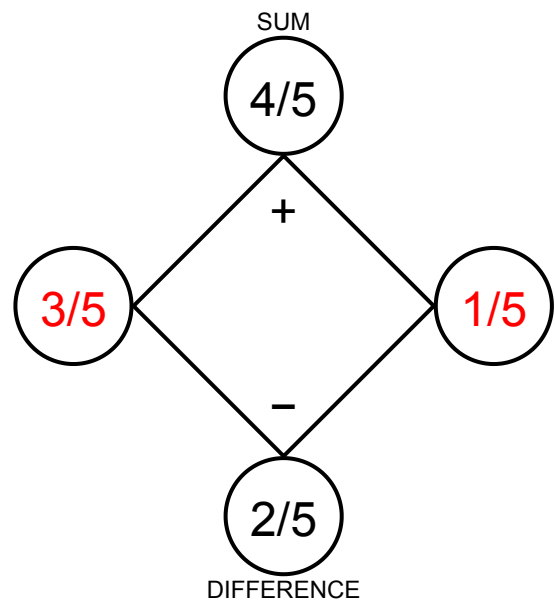
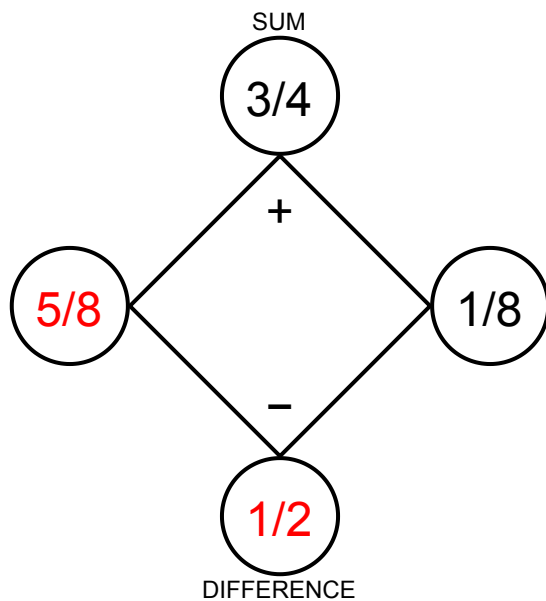
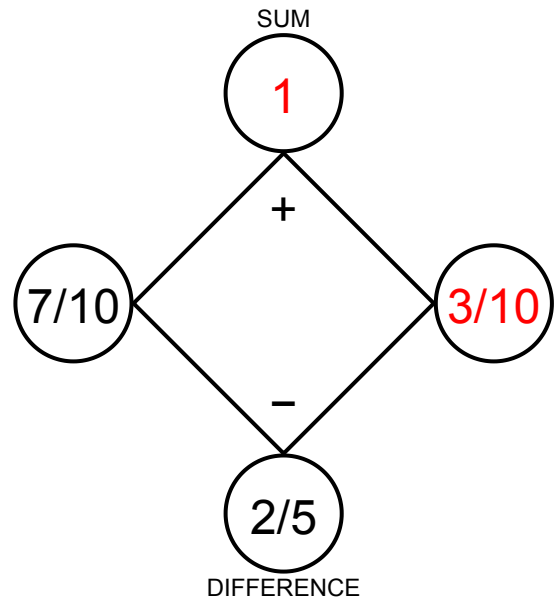
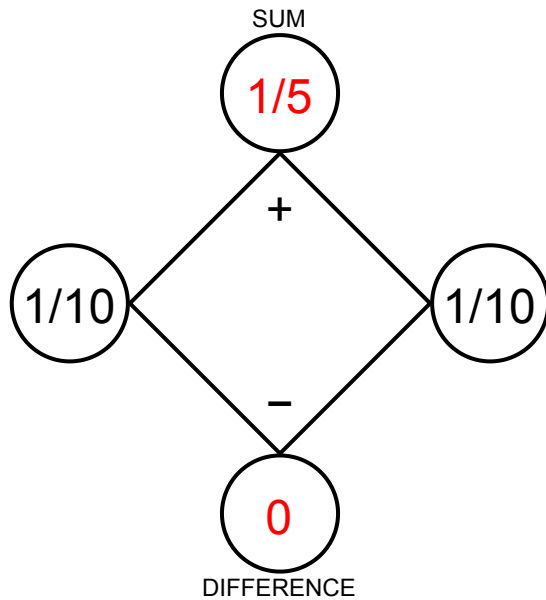
SHAPE UP

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TANGY TUESDAY™

PACK	LEVEL	WEEK
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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.



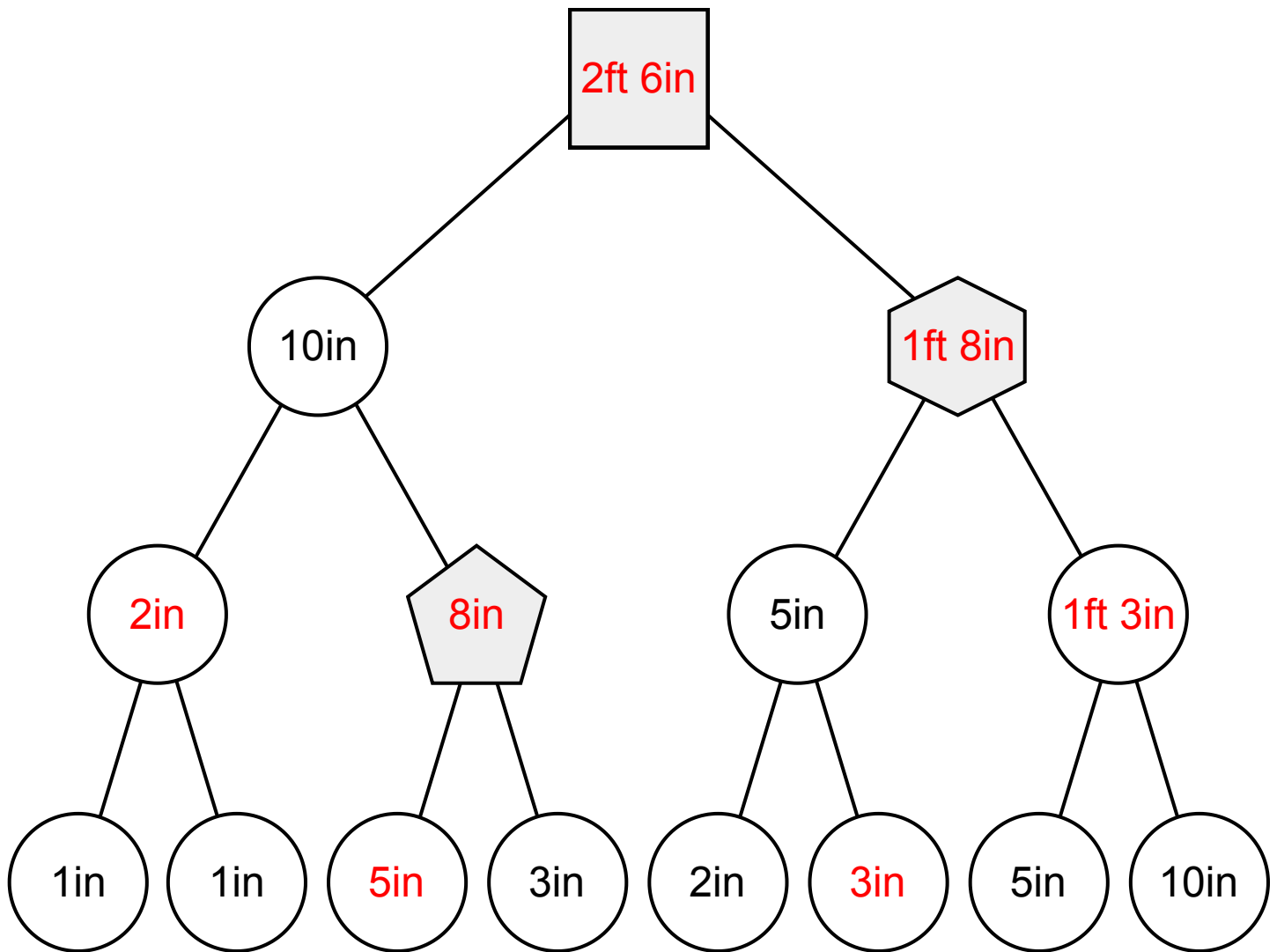
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PICTARITHMS

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PACK	LEVEL	WEEK
3	E	26

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



$$\square_{2ft\ 6in} - \text{pentagon}_{8in} + \text{hexagon}_{1ft\ 8in} = \underline{\hspace{2cm}}$$

Name: _____

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MYSTERY NUMBERS

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PACK	LEVEL	WEEK
3	E	26

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

DIGIT BANK

4 8 2 7

1. The largest 3-digit number where the product of the digits is 112.

8	7	2
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2. The only number less than 400 that is a multiple of 7.

2	8	7
---	---	---

3. The number between 400 and 500 that is divisible by both 4 and 8.

4	7	2
---	---	---

4. The largest 3-digit number where the sum of the hundreds and tens digits is $\frac{2}{3}$ the sum of the hundreds and ones digits.

8	2	7
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