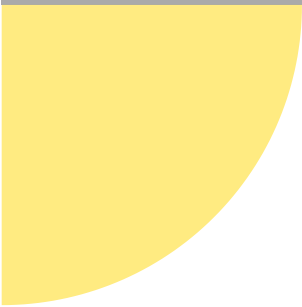


Name: _____

TANGY TUESDAY™

PACK	LEVEL	WEEK
3	E	1

Step-by-step examples at tangmath.com/puzzles



TANGY TUESDAY

Pack 3

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

Name: _____

TANG-A-ROW

Step-by-step examples at tangmath.com/puzzles

TANGY TUESDAY™

PACK	LEVEL	WEEK
3	E	1

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

DIGIT BANK

1 2 3 4 5 6 7 8 9

$$\begin{array}{r} 1 \\ \hline \end{array} \begin{array}{r} 7 \\ \hline \end{array} \times \begin{array}{r} 3 \\ \hline \end{array} = 51$$

$$\begin{array}{r} 5 \\ \hline \end{array} \begin{array}{r} 4 \\ \hline \end{array} \div \begin{array}{r} 6 \\ \hline \end{array} = 9$$

$$\begin{array}{r} 9 \\ \hline \end{array} \begin{array}{r} 2 \\ \hline \end{array} - \begin{array}{|c|} \hline 8 \\ \hline \end{array} = 84$$

What number am I?

8

Name: _____

GRIDLOCK

Step-by-step examples at tangmath.com/puzzles

TANGY TUESDAY™		
PACK	LEVEL	WEEK
3	E	1

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 3 18 27 30 36 49 64 67

	PRIME NUMBER	MULTIPLE OF 3	PERFECT SQUARE
EVEN NUMBER	2	30	64
ODD NUMBER	67	27	49
FACTOR OF 36	3	18	36

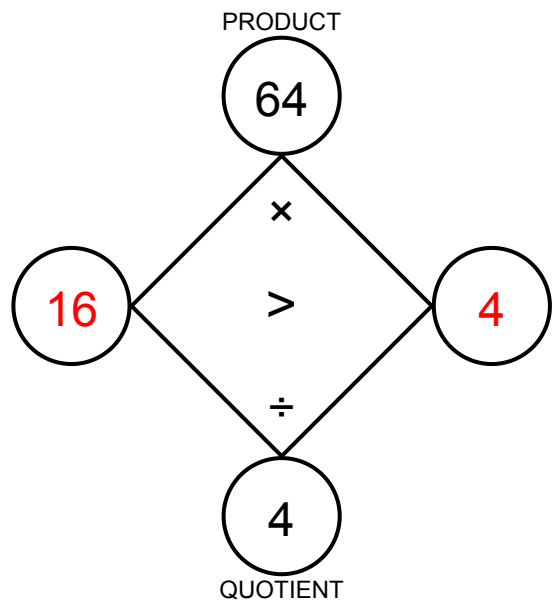
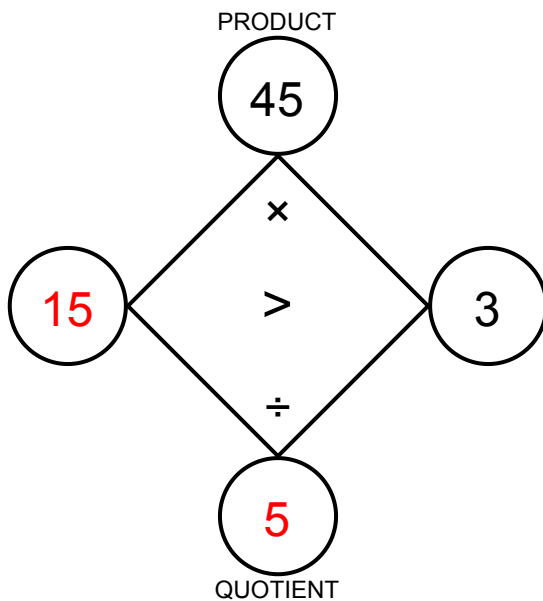
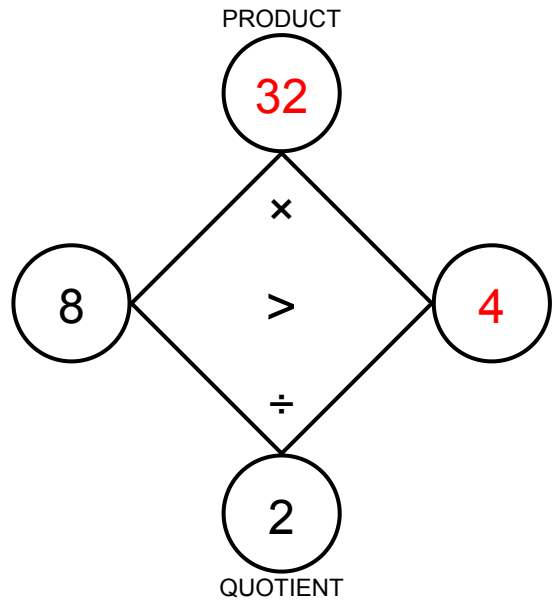
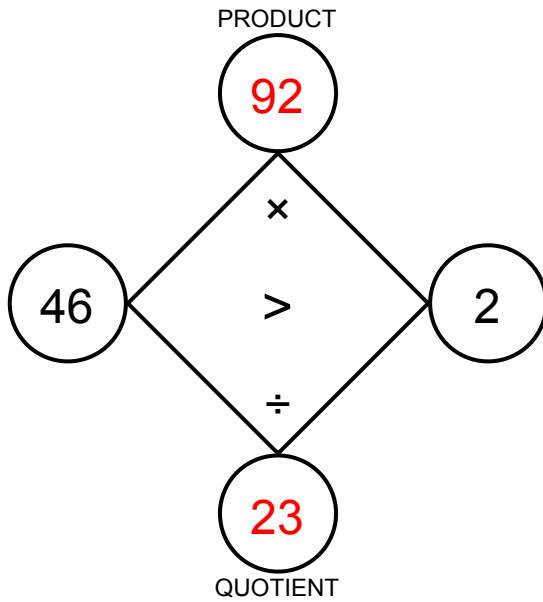
Name: _____

SHAPE UP

Step-by-step examples at tangmath.com/puzzles

TANGY TUESDAY™		
PACK	LEVEL	WEEK
3	E	1

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: _____

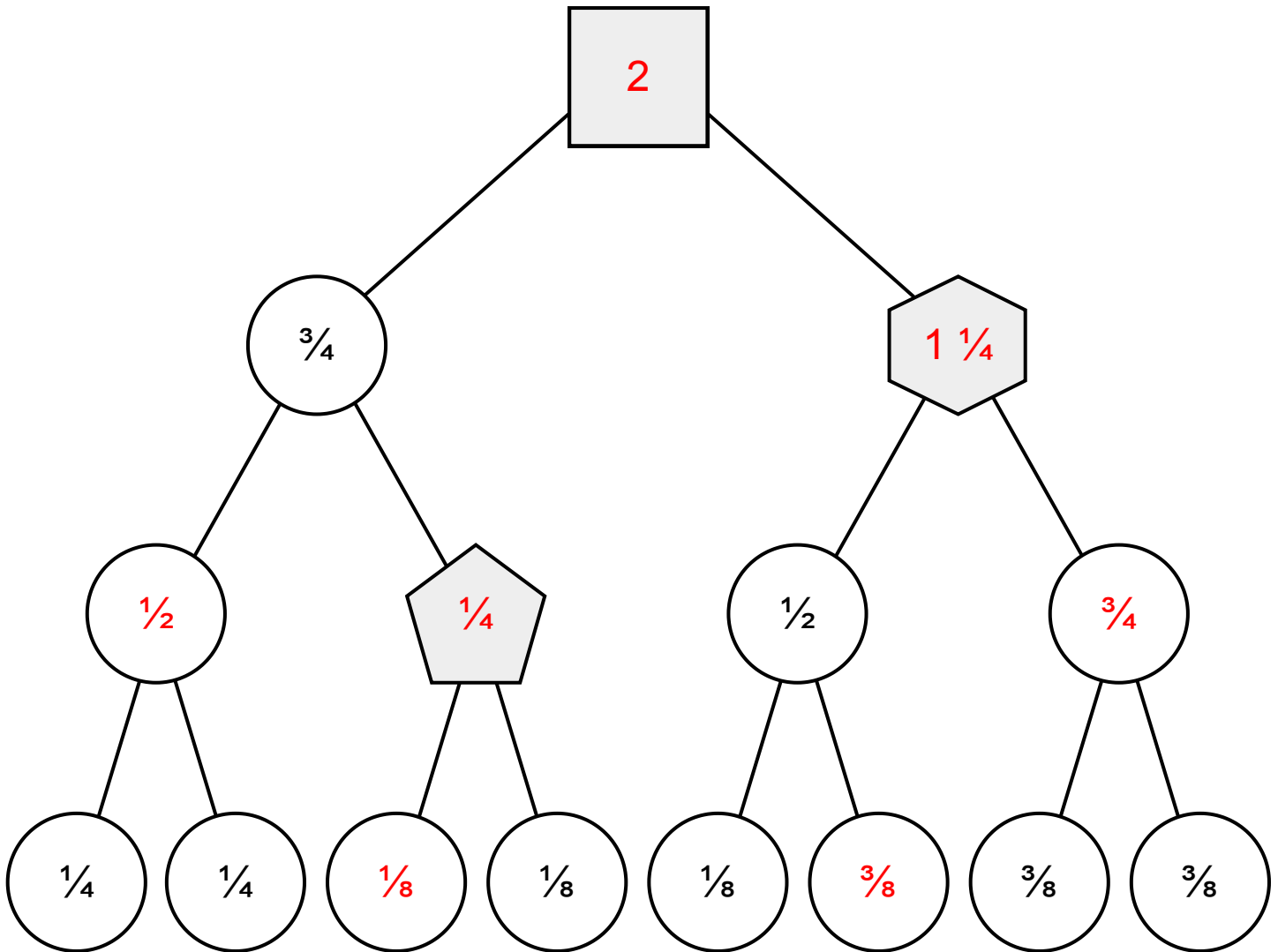
TANGY TUESDAY™

PICTARITHMS

Step-by-step examples at tangmath.com/puzzles

PACK	LEVEL	WEEK
3	E	1

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



$$\square 2 - \text{pentagon } \frac{1}{4} + \text{hexagon } 1\frac{1}{4} = \underline{\quad 3 \quad}$$

Name: _____

TANGY TUESDAY™

MYSTERY NUMBERS

Step-by-step examples at tangmath.com/puzzles

PACK	LEVEL	WEEK
3	E	1

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

DIGIT BANK

2 4 5 8

1. The smallest 3-digit number that is divisible by 4.

2	4	8
---	---	---

2. The largest 3-digit number that is less than 500 and is a multiple of 5.

4	8	5
---	---	---

3. The smallest even number where the product of the digits is 80.

2	5	8
---	---	---

4. The smallest 3-digit number that is divisible by 5 and has more tens than ones.

2	8	5
---	---	---