

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

**TANGY TUESDAY™**

PACK	LEVEL	WEEK
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3	E	1
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Step-by-step examples at [tangmath.com/puzzles](http://tangmath.com/puzzles)



# TANGY TUESDAY

## Pack 3

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

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# TANG-A-ROW

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

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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

$$\underline{\quad} \underline{\quad} \times \underline{\quad} = 51$$

$$\underline{\quad} \underline{\quad} \div \underline{\quad} = 9$$

$$\underline{\quad} \underline{\quad} - \boxed{\quad} = 84$$

What number am I?

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# GRIDLOCK

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

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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   3   18   27   30   36   49   64   67

	<b>PRIME NUMBER</b>	<b>MULTIPLE OF 3</b>	<b>PERFECT SQUARE</b>
<b>EVEN NUMBER</b>			
<b>ODD NUMBER</b>			
<b>FACTOR OF 36</b>			

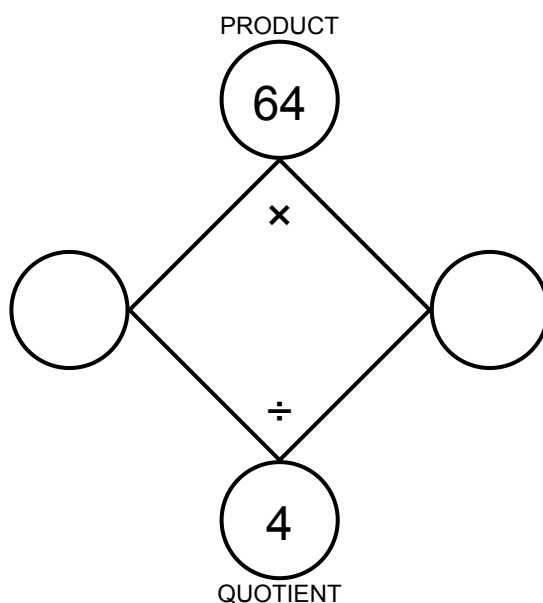
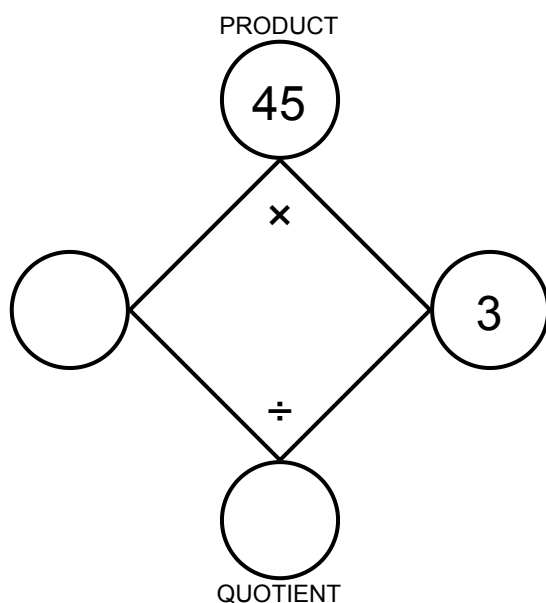
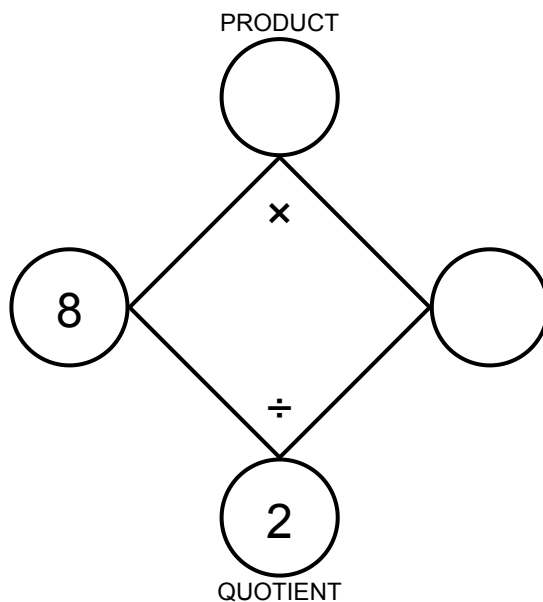
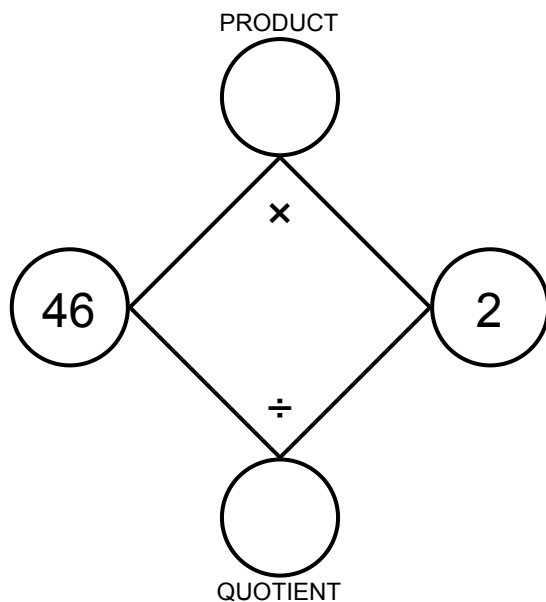
Name: \_\_\_\_\_

# SHAPE UP

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

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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: \_\_\_\_\_

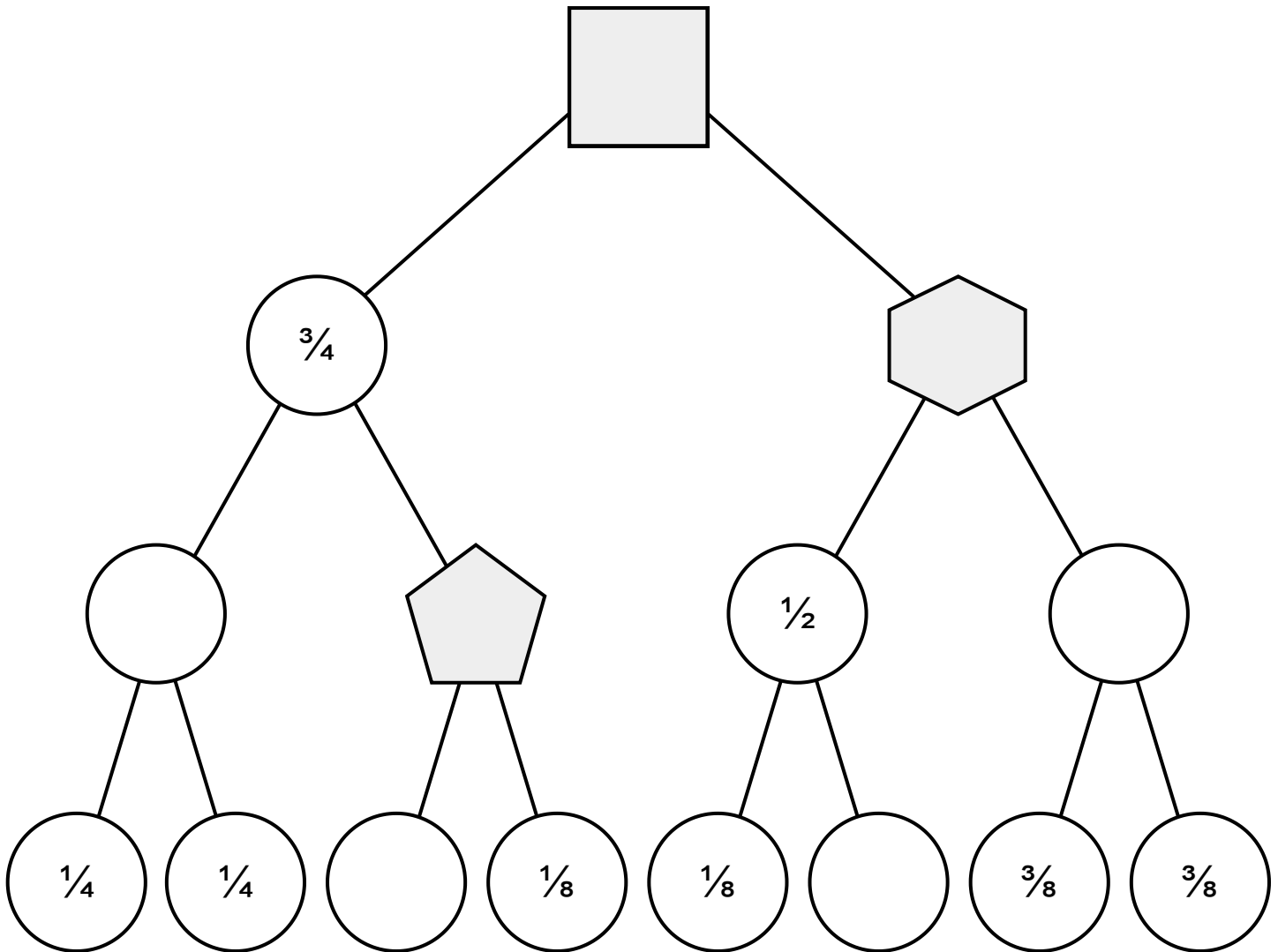
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# PICTARITHMS

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

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



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

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# MYSTERY NUMBERS

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

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3	E	1
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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.

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

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

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

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