

# PYRAMID SUM Puzzle

DIVISION WITH DECIMALS Pyramid

**D**  $10.25 \div 2.5$

2.8

**G**  $5.1 \div 6$

0.9

**O**  $2.49 \div 0.3$

1.65

**K**  $37.6 \div 8$

1.09

**L**  $35.64 \div 7.2$

3.7

**H**  $5.78 \div 0.4$

**B**  $7.38 \div 1.2$

**E**  $17.71 \div 0$

1.

# DIVISION *with decimals*

Created by: ALL THINGS ALGEBRA®

# DIVISION WITH DECIMALS

## Pyramid Sum Puzzle

**Objective:** To practice dividing decimals, including dividing decimals by whole numbers and decimals by decimals. In total, students will complete 15 division problems. They will also need to construct the pyramid using addition with decimals.

### Activity Directions:

- 1) Print enough templates and equations for each student (pages 3-4 of this document). I like to do the template on colored paper and the equations on white paper to make the final product pop!
- 2) Students find each quotient and write the solutions in the boxes. I recommend having them show all work on a separate sheet of notebook paper.
- 3) Students cut the boxes out and arrange the top row according to the letters on the template. Then, they must arrange the remaining boxes so that each solution is the sum of the two solutions directly above it. Paste all pieces down.

An answer key is provided on page 5. This assignment is VERY easy to grade with the box letters and solutions!

**DIVISION WITH DECIMALS** *Pyramid Sum Puzzle* Name: \_\_\_\_\_

D	G	M	A	J

**DIVISION WITH DECIMALS** *Pyramid Sum Puzzle*

**Directions:** Find each quotient. Organize your work for each problem on a separate sheet of paper. Record your answers in the boxes below. Cut the boxes out and paste boxes D, G, M, A, and J on the top row (in that order) of the template. Paste the remaining boxes so that the solution to each problem is the sum of the two solutions directly above it.

<b>A</b> $1.56 \div 5.2$ □	<b>B</b> $7.38 \div 1.2$ □	<b>C</b> $19.53 \div 1.5$ □
<b>F</b> $5.36 \div 1.6$ □	<b>G</b> $5.1 \div 6$ □	<b>H</b> $5.78 \div 0.4$ □
<b>K</b> $37.6 \div 8$ □	<b>L</b> $35.64 \div 7.2$ □	<b>M</b> $2 \div 0.8$ □

**DIVISION WITH DECIMALS** *Pyramid Sum Puzzle* Name: \_\_\_\_\_

<b>D</b> $10.25 \div 2.5$ 2.8	<b>G</b> $5.1 \div 6$ 0.9	<b>M</b> $2 \div 0.8$ 0.15	<b>A</b> $1.56 \div 5.2$ 0.34	<b>J</b> $5.2 \div 3.25$ 1.4
<b>L</b> $35.64 \div 7.2$ 3.1	<b>O</b> $2.49 \div 0.3$ 1.65	<b>K</b> $37.6 \div 8$ 1.09	<b>E</b> $17.71 \div 0.7$ 1.74	
<b>H</b> $5.78 \div 0.4$ □	<b>B</b> $7.38 \div 1.2$ □			

Actual answers not shown in this image.