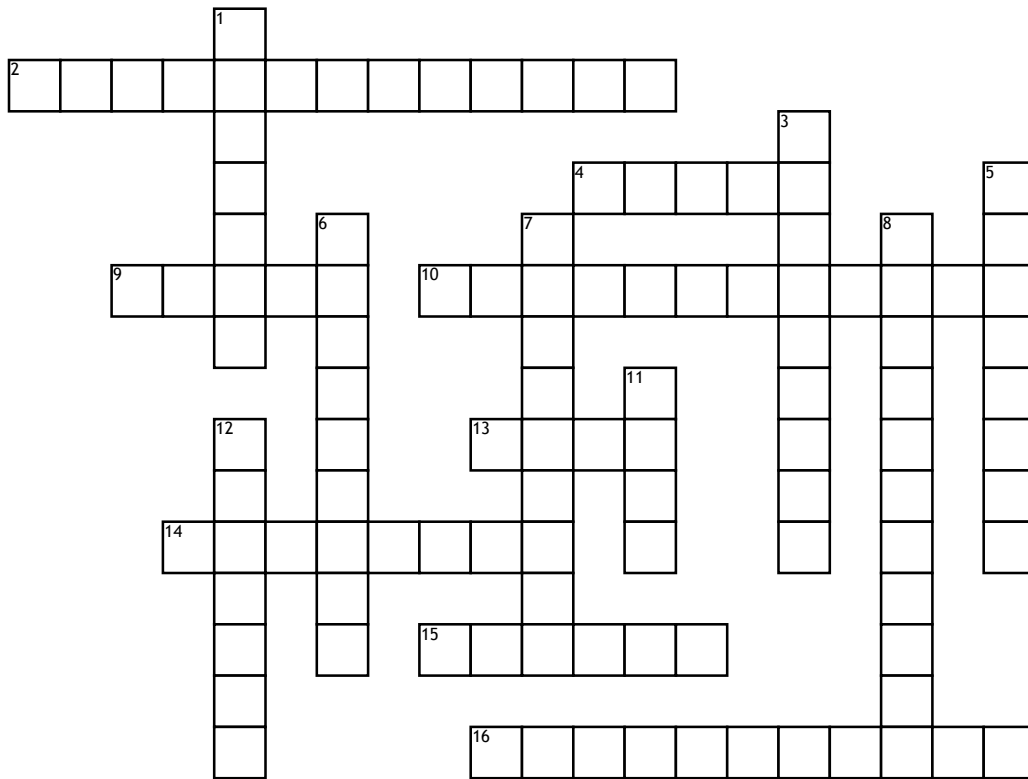


Similar Figures



Across

2. If a side of the preimage is 4 cm long, and $SF = 2$, the _____ side is 8 cm long
4. Comparing 1 can of concentrate to 4 cans of JUICE gives a part to _____ ratio
9. The new picture that has been stretched or shrunk
10. Similar figures have sides that are _____.
13. If the scale factor = 3, the _____ of the figure gets multiplied by 9 (times 3, and times 3 again!!)

14. The original picture that is stretched or shrunk
15. "Proportional sides" means that the sides make equal fractions or _____.

16. When transforming a preimage into a similar figure, you use a _____

Down

1. Dividing the numerator of a ratio by its denominator (on your calculator) gives a _____
3. If the scale factor = 3, the _____ of the figure gets multiplied by 3 (only once!)

5. Another word for an enlargement is a _____.
6. A scale factor such as 0.5 will make a similar figure that is a _____.
7. Similar figures have angles that are _____.
8. When the scale factor is greater than 1, the image is a(n) _____.
11. Comparing 1 can of concentrate to 3 cans of water gives a part to _____ ratio
12. Using a fraction WITH THE DENOMINATOR = 100 turns a ratio into a _____

Word Bank

corresponding
perimeter
proportional
scalefactor

dilation
ratios
area
reduction

image
part
preimage
decimal

enlargement
congruent
whole
percent