

## In-Class Game

### *End-of-Year Crossword* (Lesson 12-7)

#### ● Get Ready!

Separate the class into groups of two or four.

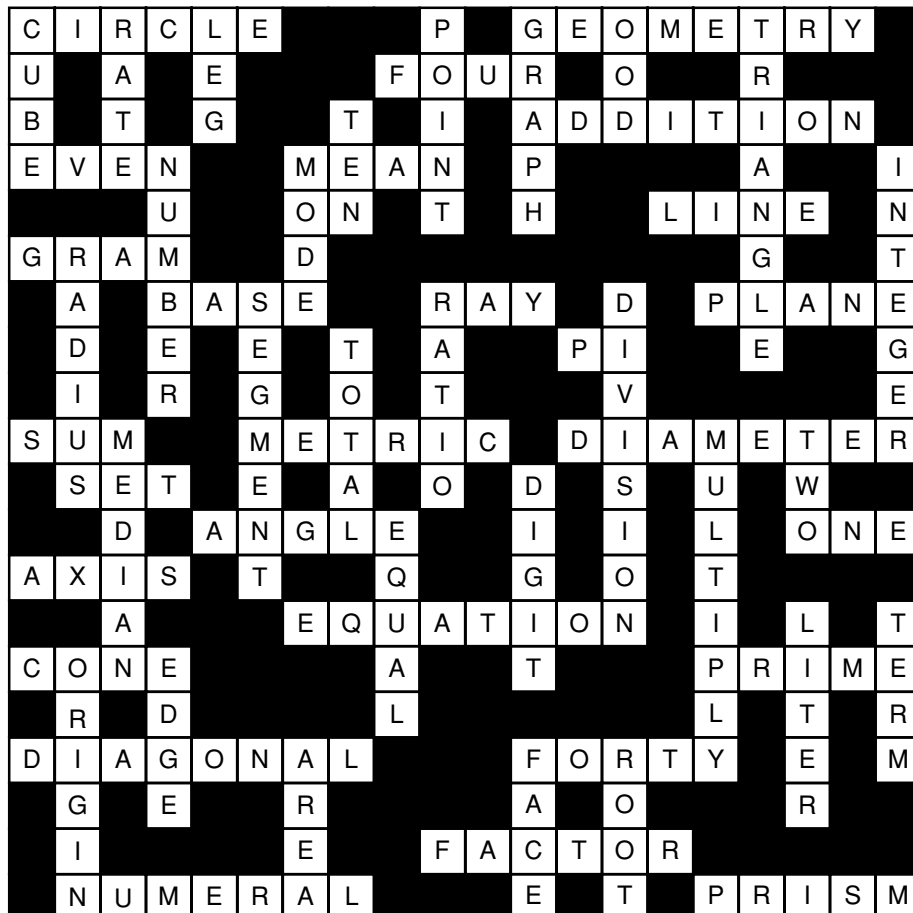
- End-of-Year Crossword masters, pp. 40–41

#### ● Get Set!

Make a copy of the End-of-Year Crossword masters on pages 40 and 41 for each student in the class.

#### ● Go!

- Answer each clue and complete the crossword puzzle.
- The solution is shown below.



**In-Class Game****End-of-Year Crossword** (Lesson 12-7)**Work with your partner(s).**

Answer each clue and complete the crossword puzzle.

**ACROSS**

1. It has an infinite number of lines of symmetry.
5. It's the branch of mathematics in which we learn about triangles.
8. It's the square of 2.
10. With 22 down, they are two of the four operations.
11. 4, 12, and 66 are this kind of numbers.
13. the most commonly used measure of central tendency
15. Points \_\_\_\_\_ either of the axes are *not* in a quadrant.
16. The graph of a linear function is a \_\_\_\_\_.
17. the metric unit of mass
19. You multiply the measure of this times the measure of the height of a parallelogram to find its area.
21. Angles are made of two of these.
23. The coordinate *system* is sometimes called the coordinate \_\_\_\_\_.
25. 3.1415926 . . .
26. the result of an addition problem
28. This system of measurement is not widely used in the United States.
29. the distance across a circle
32. When you solve an inequality, your result is called the solution \_\_\_\_\_.
34. Three kinds are acute, obtuse, and right.
36. the multiplication identity
37. Each \_\_\_\_\_ separates the coordinate system into quadrants.
38.  $x + 2 = 6$  is one.

41. Ice cream goes in this 3-dimensional figure.
44. not composite, but \_\_\_\_\_, numbers
45. The line segment that goes from the upper left-hand corner of a rectangle to the lower right-hand corner.
47. The solution of  $3y + 80 = 200$ .
49. Each of 1, 2, 3, and 6 is a \_\_\_\_\_ of 6.
50. C is the Roman \_\_\_\_\_ for 100.
51. a 3-dimensional figure with two bases in the shape of polygons

**DOWN**

1. a rectangular prism with six congruent sides
2. This compares two measurements with different units.
3. a side of a right triangle that is not the hypotenuse
4. An ordered pair describes the location of this.
5. To draw lines on a coordinate system is to \_\_\_\_\_ the lines.
6. 17, 53, and 91 are this kind of numbers.
7. a 3-sided closed figure
9. Our numbering system is called a *decimal* system because it is based on \_\_\_\_\_.
12. 5 is both an integer and a whole \_\_\_\_\_.
13. This item of data appears most often.
14.  $-3$  is an \_\_\_\_\_.
18. half of 29 across
20. Part of a line is called a line \_\_\_\_\_.
21. a comparison of two numbers by division
22. See 10 across.

(continued on the next page)

24. It's what the salesclerk gives you before you give him or her the money.
27. This item of data is in the middle.
30. It's what you do to find the area.
31. The powers of \_\_\_\_\_ include 8, 64, and 128.
33. 1,698 is a 4-\_\_\_\_\_ number.
35. 12 and 57 \_\_\_\_\_ 69.
39. the metric unit of capacity
40. A polynomial consists of operations like + and -, and these.
42. This is the center of the coordinate system.
43. This is where two faces of a prism meet.
46. Square inches is a unit of this.
47. This is one side of a prism.
48. 16 is the square \_\_\_\_\_ of 256.

