

MASTERING MATH VOCABULARY

Pocket Chart Cards

Grades 4-6

Designed to meet these objectives:

Math

- Students will build math vocabulary.
- Students will learn the names and attributes of geometric shapes.
- Students will learn units of measure.
- Students will learn terms related to data analysis and graphing.

These easy-to-use math vocabulary cards make it fun for students to acquire lots of new math vocabulary—hands on! The set includes 90 vocabulary cards with 90 corresponding definition cards that can be used in both pocket charts and bulletin boards. The cards are grouped into 7 different math strands: math symbols; geometry; geometric shapes; numbers & operations; fractions & decimals; data analysis & probability; and measurement. Plus, the cards come in a handy storage box with color-coded tabbed dividers to keep the cards organized and easily accessible.

What's Included

- 90 math vocabulary cards
- 90 math definition cards
- 14 dividers
- 1 write & wipe title card

Before You Begin

Remove the cards from their wrapping. Separate the dividers and place one set behind the corresponding vocabulary cards and the other set behind the corresponding definition cards.

Activities

- After students have learned a new math concept, find the related words and definitions and place them in a pocket chart or on a bulletin board. Use a dry-erase marker on the title card to write the math skill that relates to the words on the display.

Note: Matching vocabulary and definition cards both share the same number in the upper right-hand corner.

- Play a matching game in which one student will have either a vocabulary or definition card and will find the student who has the corresponding card. Be sure to cover up any clues on the definition cards. Also, tell students to cover up the numbers on the corners of their cards. After students have found their matching card, have the pairs come up with a new example for the illustration on the definition card.
- Have students create a dictionary organized by math strand. Staple several sheets of paper together. After introducing a word, have students write the word and its definition, and then illustrate the word.

Meeting Individual Needs

ELL

Have students write each of the terms and definitions in their math journals. Simplify the definition for each word. Encourage students to write the definition in their own words and draw a picture to illustrate the meaning of the word.

Reteach/Extra Support

When displaying vocabulary and definition cards, organize them by math strand. Explain how the math words relate to each other. Create a graphic organizer and help students sort the words under the correct math strand.

Challenge

After students have mastered the words and definitions, invite them to play a game of math bingo! Provide a blank 5" x 5" grid with "Free" written in the middle. Then, show students words from two or three math strands. Have them write one of those words into each square. Call out definitions and have students cross out the box for each definition read. The first student to get 5 in a row wins!

Word List

1. expanded form
2. to round
3. addend
4. factor
5. product
6. dividend
7. divisor
8. quotient
9. remainder
10. exponent
11. square root
12. variable
13. prime number
14. inverse operation
15. commutative property
16. associative property
17. distributive property
18. equation
19. decimal
20. equivalent
21. numerator
22. denominator
23. mixed number
24. improper fraction
25. least common denominator (LCD)
26. least common multiple (LCM)
27. greatest common factor (GCF)
28. right triangle
29. scalene triangle
30. isosceles triangle
31. equilateral triangle
32. polygon
33. parallelogram
34. quadrilateral

35. hexagon
36. octagon
37. sphere
38. hemisphere
39. cone
40. cylinder
41. rectangular prism
42. hexagonal prism
43. square pyramid
44. intersecting lines
45. congruent
46. similar
47. circumference
48. radius
49. diameter
50. chord
51. vertex
52. edge
53. face
54. angle
55. perimeter
56. area
57. volume
58. tessellation
59. transformation
60. mass
61. capacity
62. gram (g)
63. liter (L)
64. kilo-
65. meter (m)
66. millimeter (mm)
67. centimeter (cm)
68. decimeter (dm)
69. mean
70. median
71. mode
72. range
73. coordinate plane
74. ordered pair
75. bar graph
76. circle graph
77. frequency table
78. stem-and-leaf plot
79. line graph
80. probability
81. outcome
82. \neq
83. \geq
84. \leq
85. %
86. π
87. $^\circ$
88. \overleftrightarrow{AB}
89. \overrightarrow{AB}
90. \overline{AB}