Math Vocabulary Test 2 Study Guide

1. division – an operation used to separate a number of items into equal-sized groups
2. divisor – the number you divide by in a division problem
3. dividend – the number that is divided by another number in a division problem
4. quotient – the result of division
5. partial quotient – a strategy used to divide multidigit numbers; the quotients you get in each step
6. remainder – in division, the amount left over after equal groups have been made
7. decimal – a number containing a decimal point that separates the ones place from the tenths place
8. product – the result of multiplication
9. factor – a number that is multiplied
10. place value – the value of a digit based on its position in a number; for example: the 2 in 3.52 is in the hundredths place and has a value of 2 hundredths or 0.02
11. estimate – a close guess made using math thinking
12. multiple – the product of a number and any other whole number; for example 4, 8, 12, 16 are multiples of 4
13. partial product – a strategy used to multiply multidigit numbers; the products you get in each step
14. distributive property – When one of the factors of a product is written as a sum, multiplying each addend by the other factor before adding does not change the product

    $2 \times (3 + 6) = (2 \times 3) + (2 \times 6)$
15. convert – to change from one measurement unit to another
16. metric system – the measurement system that measures length based on meters, liquid volume based on liters, and mass based on grams.
17. customary system – the measurement system commonly used in the United States that measures length in inches, feet, yards, and miles; liquid volume in cups, quarts, pints, and gallons; and weight in ounces and pounds
18. distribution – how spread out or how clustered together data are
19. line plot – a data display that shows the frequencies of the data as marks above a number line
20. scale – the increment by which the numbers along the axes of a graph change