Feb. 27, 2022. HANDOUT ON TERMS TO KNOW AND OTHER THINGS  **Mr. Rasmusen**

(1) “You can’t compare apples and oranges.” This saying means that you have to compare things that are similar. If you are asked how many apples are in each pile and in pile 2 some of the fruit are oranges, you can’t include them, or say Orange = ½ Apple.

You can't add pounds and yards. That's comparing apples to oranges.

You can't say basketball teams are better than football teams because their scores are higher. That would be like comparing apples and oranges.

<https://thecontentauthority.com/blog/what-does-compare-apples-and-oranges-mean>

(2) A QUADRILATERAL is a figure with four sides.

(3) A RHOMBUS is a quadrilateral with four equal sides. A square is one kind of rhombus. A diamond is another.

(4) A PARALLELOGRAM is a quadrilateral with two pairs of sides that are parallel.

(5) A TRAPEZOID is a quadrilateral with one pair of sides that are parallel. The book says it can’t have two pairs of parallel sides; most books say it can--- it’s a matter of definition. <https://en.wikipedia.org/wiki/Trapezoid#Inclusive_vs_exclusive_definition>

(6) A SQUARE is a quadrilateral with four equal sides and four 90-degree angles.

(7) A RIGHT TRIANGLE has a 90-degree angle as one of its angles.

(8) An EQUILATERAL TRIANGLE has three equal sides.

(9) An ISOSCELES TRIANGLE has two equal sides. (It could have three, but it doesn’t have to.)

(10) The HEIGHT of a triangle is the shortest distance from the vertex opposite the base onto the line which contains the base as one of its line segments.