2-2 Rates A rate is a comparison of two quantities measured in **Cross multiplication** erent units. ratios 3 sam When do you use cross multiplication? Example: \$1.79 per 100 grams, OR MULTIC \$ 1.79 × Dogram <u>example</u> Example: 72 beats per minute OR 5mins (106 Km, 0 M that includes the two different units.a rate can be expressed as a $\pm m(t)$ be expressed as a percent because a percent is a ratio that compares quantitiesa rate CANNOT expressed in the Same innits Unit)Rate (conversion rate) Carmen can read 18 books in 3 days. How many can she read in 1 day? 18 books ...a unit rate is: How much/many for <u>one</u> quantity 3 days = 6 books / day Example 35 Km in 6 hrs 35 Km⁺⁶ - 5.83 Km Cary scored 8 goals in 4 games, what is her rate of goal scoring? <u>Vgoals</u> Ygames 6 hr - 1 hr 5,83 km 2 goals/game Mr. Henning uses 51.4 litres of gas to travel 658km. What was his rate of fuel consumption? init rate 51.4/itres -658Km 0.078 litres/Km His fuel consumption is 0.078/itras/

Math 8: Unit 2