COMPARING FRACTIONS, DECIMALS & PERCENTS To WRITE A FRACTION AS A PERCENT -> First WRITE THE FRACTION W/ A DEMOMINATOR THAT is A POWER of 10. A # that is A PRODUCT of 10 EX: 10, 100, 1000, 10000 ← CAN USE A 100'S 64:0 T3 REPRESENT ONE WHOLE OR 100. ONE SQUARE = $\frac{1}{100}$ or 1.1. or 0.01A SHADED PART of A 1005 CHART CAN BE REPRESENTED 3 WAYS 1 · PERCENT 2 · DECIMAL 3 · FRACTION <u>44</u> 100 0.44 **4**4./. Write Earch Percent as a Decimal AND as a Fraction. 7.1.0.07 $\frac{7}{100}$ 7.4.1.0.0725 $\frac{725}{10.006}$ WRITE EACH FRACtion AS A DECIMAL AND AS A PERCENT 0.625 5/8 8 50 5/1000 0.005 -48 10 -16 -10 -10 0.625 0.5. 62.5 ./

To convert Any FRAction to A DECIMAL ... Divide the NUMERATOR BY THE DENOMINATOR. We can use decimals or percents to compare two test marks when the total marks are different. Liz had 23 1/2 out of 30 on her first math test. She had 31 1/2 out of 40 on her second math test. On which test did Liz do better? 0.783 0.7875 $\frac{23 \frac{1}{2} \times 10}{30 \times 40} \frac{31 \frac{1}{2} \times 30}{40 \times 30} \frac{30}{23.5}$ 40 31.5 - 280 350 250 -320 78.3% 78.75% -240 300 100 90 280 100 SHE DID BETTER ON 200 -200 THE 2ND TEST.