STUDENT FRACTION DECIMAL INVESTIGATION SHEET

Fraction	Decimal	Check if a REPEATING Decimal	Check if a TERMINATING Decimal	Prime Factorization of the Denominator (Example: 24 = 2 x 2 x 2 x 3; 15 = 3 x 5; 9 = 3 x 3; 11 = 11 and so on)

Look for a relationship between the prime factorization and the form of the decimal (repeating or terminating).