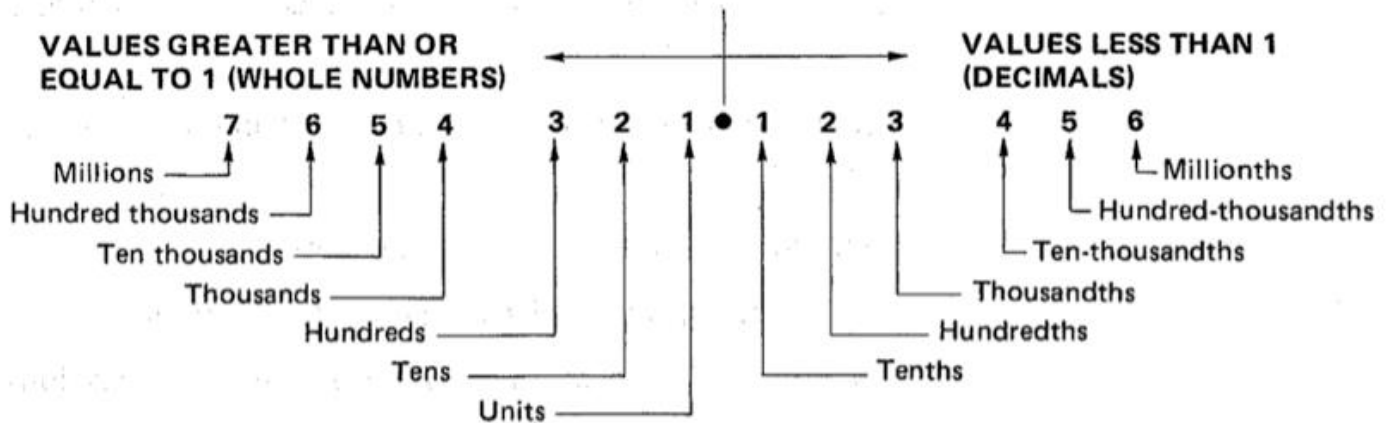


Jadwin-Technical Math B-1st Period-Off Site Learning Packet Day 5

Expressing Decimals as Fractions

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To change a decimal to a fraction: the numerator will be the decimal excluding the decimal point, the denominator will be the length of the decimal based on its place value.



Example: Express each decimal as a fraction

- $0.7 = \frac{7}{10}$
- $0.065 = \frac{65}{1000} = \frac{13}{200}$
- $0.325 = \frac{325}{1000} = \frac{13}{40}$
- $0.0108 = \frac{108}{10000} = \frac{27}{2500}$

Express each of the following as decimals. Reduce if necessary.

1. 0.3

2. 0.43

3. 0.891

4. 0.9234

5. 0.125

6. 0.01565

7. 0.0004

8. 0.812385