Percent

Definition: _____

_____

Instead of saying 80 out of every 100 basketball players are male, we can say:

Example 1 Express each fraction as a percent.

a) $\dfrac{22}{100}$ b) $\dfrac{1}{2}$ c) $\dfrac{15}{25}$ d) $1\dfrac{3}{4}$ e) $\dfrac{7}{8}$

Example 2 Express each fraction as a decimal and then a percent.

a) $\dfrac{4}{7}$ b) $\dfrac{5}{9}$ c) $\dfrac{22}{30}$ d) $\dfrac{45}{40}$

Example 3 Express each percent as a decimal.

a) 11%   b) 124%   c) 0.5%   d) 3.65%

Example 4 Express each percent as a fraction in lowest terms.

a) 30%   b) 68%   c) 25.5%   d) 250%

Example 5 Calculate the HST (13%) on each item.

  a) $29.95   b) $123.55

Example 6 Calculate the sale price of each item.
a) Jeans regularly priced $65 are now 15% off.

b) A sweater regularly priced at $45 is now 10% off.

<u>Percent Flow Chart</u>

Percent

Fraction   Decimal