



Pre-Entrance Math Test

Examples

Section 1: Roman numerals from 1 – 30

Example: 11 = XI

Section 2: Fractions

Example: $2\frac{1}{4} + 6\frac{2}{3} = \underline{8\frac{11}{12}}$

Example: $10\frac{4}{5} - 5\frac{1}{6} = \underline{5\frac{19}{30}}$

Example: $6\frac{1}{2} \times 1\frac{1}{8} = \underline{7\frac{5}{16}}$

Example: $10\frac{1}{2} \div \frac{1}{3} = \underline{31\frac{1}{2}}$

Section 3: Division of decimals

Example: $106.4 \div 13.3 = \underline{8}$

Example: $39.6 \div 2.78 = \underline{14.24}$

Section 4: Convert from percentage to decimal to fraction to ratio

Example:

Percentage	Decimal	Fraction	Ratio
7%	<u>0.07</u>	<u>$\frac{7}{100}$</u>	<u>7:100</u>