

20080304\_0945

Divide  $22\frac{11}{16}$  by  $10\frac{2}{3}$

$$\frac{22\frac{11}{16}}{10\frac{2}{3}} = \frac{\frac{352}{16} + \frac{11}{16}}{\frac{30}{3} + \frac{2}{3}} = \frac{\frac{363}{16}}{\frac{32}{3}}$$

Invert and then multiply

$$\frac{363}{16} \cdot \frac{3}{32} = \frac{1089}{512}$$

$$\frac{512}{512} + \frac{512}{512} + \frac{65}{512}$$

$$1 + 1 + \frac{65}{512} = 2\frac{65}{512}$$

$$2\frac{65}{512}$$

Note: This gives you an exact answer. A calculator will only give an approx. answer.