Examples using the core syntax...

$$\sqrt{4}$$

$$\sqrt{4 \times 9}$$

$$\frac{1 + 2}{}$$

$$\frac{1+2}{4} \times 100$$

$$\frac{1}{3} \times \sqrt{3^2}$$

$$ilde{3} imes \sqrt{3^2}$$

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$$+$$
 b

$$a + b$$

$$+\ b$$
 where

a = 1b = 2