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*-----*      MuPAD 2.5.3 -- The Open Computer Algebra System
/|  /|
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```

• `solve(x3 + 5*x + 5*x - 5 = 0, x, 3)`

$$\left\{ \sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}} - \frac{10}{3\sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}}}, \frac{5}{3\sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}}} - \frac{\sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}}}{2} - \frac{i}{2}\sqrt{3} \left( \frac{10}{3\sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}}} + \sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}} \right), \frac{5}{3\sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}}} - \frac{\sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}}}{2} + \frac{i}{2}\sqrt{3} \left( \frac{10}{3\sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}}} + \sqrt[3]{\frac{\sqrt{108}\sqrt{4675} + 5}{108}} \right) \right\}$$

• `simplify(%)`

$$\left\{ \sqrt[3]{\frac{5\sqrt{561} + 5}{18}} - \frac{10}{3\sqrt[3]{\frac{5\sqrt{561} + 5}{18}}}, \frac{5}{3\sqrt[3]{\frac{5\sqrt{561} + 5}{18}}} - \frac{\sqrt[3]{\frac{5\sqrt{561} + 5}{18}}}{2} + \sqrt{3} \left( -\frac{\frac{i5}{3}}{3\sqrt[3]{\frac{5\sqrt{561} + 5}{18}}} - \frac{i}{2}\sqrt[3]{\frac{5\sqrt{561} + 5}{18}} \right), \frac{5}{3\sqrt[3]{\frac{5\sqrt{561} + 5}{18}}} - \frac{\sqrt[3]{\frac{5\sqrt{561} + 5}{18}}}{2} + \sqrt{3} \left( \frac{\frac{i5}{3}}{3\sqrt[3]{\frac{5\sqrt{561} + 5}{18}}} + \frac{i}{2}\sqrt[3]{\frac{5\sqrt{561} + 5}{18}} \right) \right\}$$

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