Racionalizar o denominador de $\dfrac{2}{\sqrt{3}+1+\sqrt{2}}$.

$$\frac{2}{\sqrt{3}+1+\sqrt{2}} = \frac{2[(\sqrt{3}+1)-\sqrt{2}]}{[(\sqrt{3}+1)+\sqrt{2}][(\sqrt{3}+1)-\sqrt{2}]} = \frac{2(\sqrt{3}+1-\sqrt{2})]}{2+2\sqrt{3}} =$$
$$= \frac{(\sqrt{3}+1-\sqrt{2})(1-\sqrt{3})}{-2} = \boxed{\frac{\sqrt{2}-\sqrt{6}+2}{2}}$$

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Sugestões, comunicar erros: "a.vandre.g@gmail.com".