I. SUMA Y RESTA DE RADICALES

REGLA

Se simplifican los radicales dados; se reducen los radicales semejantes y a continuación se escriben los radicales no semejantes con su propio signo.

Simplificar:

1. $\sqrt{45}-\sqrt{27}-\sqrt{20}$
2. $\sqrt{175}+\sqrt{243}-\sqrt{63}-2\sqrt{75}$
3. $\sqrt{80}-2\sqrt{252}+3\sqrt{405}-3\sqrt{500}$
4. $7\sqrt{450}-4\sqrt{320}+3\sqrt{80}-5\sqrt{800}$

Simplificar:

1. $\sqrt[3]{54}-\sqrt[3]{24}-\sqrt[3]{16}$
2. $\sqrt[3]{40}+\sqrt[3]{1{,}029}-\sqrt[3]{625}$
3. $2\sqrt[3]{250}-4\sqrt[3]{24}-6\sqrt[3]{16}+\sqrt[3]{2{,}187}$
4. $5\sqrt[3]{48}-3\sqrt[3]{3{,}645}-2\sqrt[3]{384}+4\sqrt[3]{1{,}715}$

Simplificar:

1. $\sqrt{45}-\sqrt{27}-\sqrt{20}$ $=\sqrt{\square}\ \square\ \square\sqrt{\square}$
2. $\sqrt{175}+\sqrt{243}-\sqrt{63}-2\sqrt{75}$ $=\square\sqrt{\square}\ \square\ \sqrt{\square}$
3. $\sqrt{80}-2\sqrt{252}+3\sqrt{405}-3\sqrt{500}$ $=\sqrt{\square}\ \square\ \square\sqrt{\square}$
4. $7\sqrt{450}-4\sqrt{320}+3\sqrt{80}-5\sqrt{800}$ $=\square\sqrt{\square}\ \square\ \square\sqrt{\square}$

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LIVEWORKSHEETS