

Name: _____

L1S2

Simplifying Radical Expressions

Simplify each expression.

1) $3\sqrt[3]{7} - 20\sqrt[3]{7}$

2) $16\sqrt[3]{4} + 5\sqrt[3]{4}$

3) $-\frac{3\sqrt[3]{18}}{\sqrt[3]{9}}$

$2\sqrt{3}$

5) $9\sqrt{5} + 6\sqrt{5}$

7) $2\sqrt[3]{4} \times 4\sqrt[3]{2}$

8) $14\sqrt{2} - 6\sqrt{2}$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

Simplifying Radical Expressions

Simplify each expression.

1) $3\sqrt[3]{7} - 20\sqrt[3]{7}$

$-17\sqrt[3]{7}$

2) $16\sqrt[3]{4} + 5\sqrt[3]{4}$

$21\sqrt[3]{4}$

3) $-\frac{3\sqrt[3]{18}}{\sqrt[3]{9}}$

$-3\sqrt[3]{2}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

$2\sqrt[3]{3}$

5) $9\sqrt{5} + 6\sqrt{5}$

$15\sqrt{5}$

-66

$5\sqrt{3}$
 13

7) $2\sqrt[3]{4} \times 4\sqrt[3]{2}$

16

8) $14\sqrt{2} - 6\sqrt{2}$

$8\sqrt{2}$