Math worksheet on *'Radicals - Addition Under Cubed Radical Times Integer To Radical (Level 1)'*. Part of a broader unit on *'Radicals - Simplifying Practice'*

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1 Simplify the radical.

$$4\sqrt[3]{788 - 84}$$

a	b	c	d	e	f
$16\sqrt[3]{13}$	$16\sqrt[3]{11}$	$19\sqrt[3]{10}$	$19\sqrt[3]{12}$	$12\sqrt[3]{12}$	$12\sqrt[3]{10}$

2 Simplify the radical.

$$4\sqrt[3]{611 + 93}$$

a	b	c	d	e	f
$17\sqrt[3]{14}$	$19\sqrt[3]{13}$	$15\sqrt[3]{13}$	$16\sqrt[3]{12}$	$16\sqrt[3]{7}$	$16\sqrt[3]{11}$

3 Simplify the radical.

$$2\sqrt[3]{236 + 212}$$

a	b	c	d	e	f
$4\sqrt[3]{7}$	$9\sqrt[3]{8}$	$5\sqrt[3]{8}$	$5\sqrt[3]{9}$	$8\sqrt[3]{7}$	$10\sqrt[3]{7}$

4 Simplify the radical.

$$5\sqrt[3]{17 - 1}$$

a	b	c	d	e	f
$9\sqrt[3]{3}$	$6\sqrt[3]{2}$	$13\sqrt[3]{5}$	7	8	$10\sqrt[3]{2}$

5 Simplify the radical.

$$2\sqrt[3]{66 + 22}$$

a	b	c	d	e	f
$4\sqrt[3]{12}$	$4\sqrt[3]{11}$	$\sqrt[3]{8}$	$7\sqrt[3]{12}$	$\sqrt[3]{13}$	$7\sqrt[3]{13}$

6 Simplify the radical.

$$3\sqrt[3]{228 - 39}$$

a	b	c	d	e	f
$6\sqrt[3]{9}$	$9\sqrt[3]{7}$	$8\sqrt[3]{9}$	$8\sqrt[3]{4}$	$6\sqrt[3]{8}$	$11\sqrt[3]{7}$

7 Simplify the radical.

$$3\sqrt[3]{240 - 51}$$

a	b	c	d	e	f
$9\sqrt[3]{9}$	$9\sqrt[3]{7}$	$6\sqrt[3]{4}$	$5\sqrt[3]{4}$	$7\sqrt[3]{8}$	$10\sqrt[3]{4}$