Math worksheet on *'Radicals - Addition Under Cubed Radical Plus Integer to Radical (Level 2)'*. Part of a broader unit on *'Radicals - Simplifying Practice'*

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1 Simplify the radical.

$$4+\sqrt[3]{5+19}$$

a	b	c	d	e	f
$4+2\sqrt[3]{3}$	$4+\sqrt[3]{6}$	$4+\sqrt[3]{2}$	$4+3\sqrt[3]{3}$	$4+\sqrt[3]{3}$	$4+4$

2 Simplify the radical.

$$2+\sqrt[3]{165-37}$$

a	b	c	d	e	f
$2+6$	$2+4$	$2+\sqrt[3]{2}$	$2+\sqrt[3]{5}$	$2+4\sqrt[3]{2}$	$2+\sqrt[3]{4}$

3 Simplify the radical.

$$3+\sqrt[3]{28-4}$$

a	b	c	d	e	f
$3+2\sqrt[3]{3}$	$3+5\sqrt[3]{5}$	$3+\sqrt[3]{3}$	$3+4\sqrt[3]{4}$	$3+4$	$3+3$

4 Simplify the radical.

$$2+\sqrt[3]{68-14}$$

a	b	c	d	e	f
$2+3\sqrt[3]{4}$	$2+3\sqrt[3]{2}$	$2+\sqrt[3]{5}$	$2+4$	$2+1$	$2+3$

5 Simplify the radical.

$$3+\sqrt[3]{495-47}$$

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

6 Simplify the radical.

$$3+\sqrt[3]{51-11}$$

a	b	c	d	e	f
$3+2\sqrt[3]{5}$	$3+2\sqrt[3]{4}$	$3+2\sqrt[3]{3}$	$3+5\sqrt[3]{2}$	$3+4\sqrt[3]{5}$	$3+\sqrt[3]{2}$

7 Simplify the radical.

$$2+\sqrt[3]{789-141}$$

a	b	c	d	e	f
$2+3\sqrt[3]{2}$	$2+8\sqrt[3]{6}$	$2+3$	$2+6\sqrt[3]{3}$	$2+8$	$2+2$