Name _____

Radicals - Addition Under Cubed Radical to Radical

1 Simplify the radical.

$$\sqrt[3]{69 + 19}$$

A	B	C	D	E
$2\sqrt[3]{11}$	$\sqrt[3]{7}$	$\sqrt[3]{12}$	$4\sqrt[3]{14}$	$\sqrt[3]{10}$

2 Simplify the radical.

$$\sqrt[3]{934 - 230}$$

A	B	C	D
$\sqrt[3]{14}$	$2\sqrt[3]{10}$	$\sqrt[3]{9}$	$4\sqrt[3]{11}$

3 Simplify the radical.

$$\sqrt[3]{333 - 36}$$

A	B	C	D	E
$4\sqrt[3]{14}$	$3\sqrt[3]{11}$	$3\sqrt[3]{13}$	$2\sqrt[3]{10}$	$3\sqrt[3]{12}$

4 Simplify the radical.

$$\sqrt[3]{2326 + 50}$$

A	B	C	D
$6\sqrt[3]{11}$	$4\sqrt[3]{14}$	$7\sqrt[3]{12}$	$5\sqrt[3]{10}$

5 Simplify the radical.

$$\sqrt[3]{46 + 35}$$

A	B	C	D	E
2	$\sqrt[3]{5}$	1	$3\sqrt[3]{3}$	5

6 Simplify the radical.

$$\sqrt[3]{580 + 932}$$

A	B	C	D	E
$6\sqrt[3]{9}$	$9\sqrt[3]{6}$	$6\sqrt[3]{7}$	$9\sqrt[3]{5}$	$8\sqrt[3]{6}$

7 Simplify the radical.

$$\sqrt[3]{238 + 82}$$

A	B	C	D	E
$4\sqrt[3]{5}$	$\sqrt[3]{5}$	$7\sqrt[3]{4}$	$7\sqrt[3]{8}$	$\sqrt[3]{6}$

8 Simplify the radical.

$$\sqrt[3]{9 + 15}$$

A	B	C	D	E
$4\sqrt[3]{3}$	$2\sqrt[3]{3}$	$\sqrt[3]{4}$	$\sqrt[3]{5}$	$\sqrt[3]{3}$

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