Name:_____

1 Simplify the radical

$$\sqrt{3^2 \cdot c^2 \cdot c^2 \cdot}$$

a	b	c	d	e	f
$6c^3$	c^4	$3c^2$	$5c^3$	$5c^4$	$3c^4$

2 Simplify the radical

$$\sqrt{2^2 \cdot 2^2 \cdot n^2 \cdot}$$

a	b	c	d	e	f
$5n$	$4n$	n^2	$3n^2$	$7n^3$	$n\sqrt{2}$

3 Simplify the radical

$$\sqrt{2^2 \cdot 2^2 \cdot m^2 \cdot}$$

a	b	c	d	e	f
$4m$	m^2	$6m$	$3m$	$m\sqrt{2}$	$7m^3$

4 Simplify the radical

$$\sqrt{3^2 \cdot p^2 \cdot p^2 \cdot}$$

a	b	c	d	e	f
$4p^3$	$p\sqrt{2}$	$3p^2$	$4p$	$6p$	$4p^2$

5 Simplify the radical

$$\sqrt{3^2 \cdot y^2 \cdot y^2 \cdot}$$

a	b	c	d	e	f
$5y$	y	$3y^2$	y^4	$5y^4$	$4y$

6 Simplify the radical

$$\sqrt{3^2 \cdot z^2 \cdot}$$

a	b	c
$z^2\sqrt{2}$	$4z^2\sqrt{4}$	$3z$

d	e	f
$2z^3$	$6z^2$	$z\sqrt{4}$

7 Simplify the radical

$$\sqrt{2^2 \cdot 2^2 \cdot y^2 \cdot y^2 \cdot}$$

a	b	c	d	e	f
$2y$	$4y$	$2y^3\sqrt{4}$	$7y\sqrt{3}$	$2y^3\sqrt{3}$	$4y^2$