

Name: _____

Rationalize the Denominator

L1S3

Rationalize each denominator.

1) $\frac{4\sqrt{2}}{\sqrt{3}}$

2) $\frac{1}{\sqrt{23}}$

3) $\frac{13}{\sqrt{17}}$

18

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5) $\frac{9}{\sqrt{15}}$

7) $\frac{1}{8\sqrt{6}}$

9) $\frac{2}{\sqrt{7}}$

10) $\frac{6\sqrt{15}}{\sqrt{3}}$

Rationalize the Denominator

Rationalize each denominator.

$$1) \frac{4\sqrt{2}}{\sqrt{3}}$$

$$\frac{4\sqrt{6}}{3}$$

$$2) \frac{1}{\sqrt{23}}$$

$$\frac{\sqrt{23}}{23}$$

$$3) \frac{13}{\sqrt{17}}$$

$$\frac{13\sqrt{17}}{17}$$

18

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$$5) \frac{9}{\sqrt{15}}$$

$$\frac{3\sqrt{15}}{5}$$

$$7) \frac{1}{8\sqrt{6}}$$

$$\frac{\sqrt{6}}{48}$$

$$10) \frac{6\sqrt{15}}{\sqrt{3}}$$

$$6\sqrt{5}$$

$$9) \frac{2}{\sqrt{7}}$$

$$\frac{2\sqrt{7}}{7}$$