

Rational Expressions Excluded Values WS #1

© 2013 Kuta Software LLC. All rights reserved.

Simplify each and state the excluded values.

1) $\frac{n-9}{9n-81}$

2) $\frac{63p}{49p-42}$

3) $\frac{k^2+13k+42}{k+7}$

4) $\frac{n^2+n-72}{n^2-3n-40}$

5) $\frac{30r^2+60r}{50r^2-90r}$

6) $\frac{27m^2-63m}{45m^2-72m}$

$$7) \frac{b^2 - 5b - 50}{2b^2 + 6b - 20}$$

$$8) \frac{v^2 - 16v + 60}{v^2 - 7v - 30}$$

$$9) \frac{n^2 - 15n + 54}{2n^3 - 16n^2 - 18n}$$

$$10) \frac{x^2 - 4x - 45}{x^3 + 3x^2 - 10x}$$