

Directions: Do the following problems on a separate sheet of paper. Show all work.

Simplify.

a) $\frac{6w^2-7w-5}{2w^3+w^2-50w-25}$	b) $\frac{48x^6y^4}{8x^5y^3}$
c) $\frac{k^2-9}{k^2-5k+6}$	d) $\frac{a^2-3ab+2b^2}{a^2-4b^2}$
e) $\frac{12x^3x^5}{8x^2}$	f) $\frac{x^2-8x-9}{x^2+9x+8}$

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