Reduce to lowest terms and specify any restrictions.

1. $\frac{-6}{6m+2}$ 2. $\frac{16}{4x+12}$ 3. $\frac{2}{6t-2}$

 4. $\frac{-5}{10x-20}$ 5. $\frac{a-4}{a^{2}-16}$ 6. $\frac{w^{2}-9}{w-3}$

 7. $\frac{6x-12}{x-2}$ 8. $\frac{6x-3}{4x-2}$ 9. $\frac{x-4}{x^{2}-6x+8}$

 10. $\frac{b^{2}-9}{2b^{2}-7b+4}$ 11. $\frac{x^{2}-7x+12}{2x^{2}-14x+24}$ 12. $\frac{x^{2}+2x+4}{x^{3}-8}$

 13. $\frac{6y^{3}+12y^{2}+6y}{y^{3}+1}$ 14. $\frac{2x^{2}-x-6}{2x^{2}-3x-9}$ 15. $\frac{9x^{2}-16}{3x^{2}-7x+4}$