Name : _____

Factorize & Simplify

Factorize each expression and reduce to its lowest term.

1) $\dfrac{-3(t-5)(t+7)}{t^2+2t-35}$

2) $\dfrac{r^3+1}{r+1}$

3) $\dfrac{25p^2-64}{(5p+8)(p+}$

5) $\dfrac{5y-35}{y^2-4y-21}$

7) $\dfrac{u-5}{u^2-25}$

8) $\dfrac{2z^4-8z}{5z+10}$