Factoring

Difference of Squares

1. $x^{2}-36$
2. $x^{2}-49$
3. $16y^{2}-9$
4. $49-9y^{2}$
5. $16x^{2}-\frac{1}{9}$
6. $ \frac{4}{25}y^{2}-64$
7. $(x-1)^{2}$*-4*
8. $25-(z+5)^{2}$
9. $9u^{2}-4v^{2}$
10. $ 25x^{2}-16y^{2}$

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Sum and Difference of Cubes

1. $x^{3}-8$
2. $x^{3}-27$
3. $y^{3}+64$
4. $z^{3}-125$
5. *8*$t^{3}-1$
6. *27*$x^{3}-8$
7. $u^{3}+27v^{3}$
8. $64x^{3}-y^{3}$

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