Score:

# Factoring Polynomials Worksheet

Factor out the GCF in each expression

$$3 y^3 + 8$$

$$4 x^2 - 8x - 9$$

$$\boxed{5} \ 15x^2 - 18x - 24 \qquad \boxed{6} \ 25x^3 + 8x^2$$

6 
$$25x^3 + 8x^2$$

$$2 12x^2 - 16x$$

8 
$$3x^3 - 6x^2 - 9x$$

$$9x^2 + 9x + 20$$

10 
$$6a^2 - 11a + 4$$
 11  $x^2 - 9x + 20$ 

$$11 x^2 - 9x + 20$$

$$12 6x^2 + 13x + 6$$

$$3x^2 - 6x - 2$$

14 
$$6n^2 + 12n - 144$$
 15  $10x^2 - 105x + 135$ 

# **Factoring Questions With Answers**

**Karin Nielsen-Saines** 

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