

Math 46 Worksheet 18

1. Factor completely:

a. $y^2 - 64$

b. $x^3y^3 + 27$

c. $8x^3 - 64$

d. $x^{14} - z^4$

2. Solve:

a. $y^2 - 5y + 6 = 0$

b. $3x^2 + 19x - 72 = 0$

c. $4x^3 - 36x = 0$

d. $-20y^2 + 145y = 35$