

NAME _____

Module 11 Simplifying Algebraic Expressions
with Polynomials

Lesson 7 Dividing Polynomials Using Long
Division



**guided
practice**

Set 1

1. Divide: $(m^2 - 3m - 10) \div (m + 3)$

$$m - 6 + \frac{8}{m + 3}$$

2. Divide: $(-6b + 4b^2 - 15) \div (2b + 3)$

$$2b - 6 + \frac{3}{2b + 3}$$

3. Divide: $(y^3 - 27) \div (y - 3)$

$$y^2 + 3y + 9$$
