

## Factoring Out the Greatest Common Factor

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

Find the GCF and factor it out of the following expressions:

$$20x^3 + 12x$$

Find the GCF and factor it out of the following expressions:

$$24b^4 - 8b^2$$

Find the GCF and factor it out of the following expressions:

$$18a^3b^2 + 24a^2b^3$$

Find the GCF and factor it out of the following expressions:

$$9x^2y^2 - 18x^3y^3$$

Find the GCF and factor it out of the following expressions:

$$8a^3 + 12a^2 - 16a$$

Find the GCF and factor it out of the following expressions:

$$3x^4 - 9x^3 + 6x$$