

GCF Monomials

Name: _____

Date: _____

Find the greatest common factor for each pair of monomial.

1

$44xy^4z, 18y^2x$

GCF = _____

2

$9m^5n^5, 27mn$

GCF = _____

3

$24y, 36y^5z^2$

GCF = _____

4

$17pqr, 34p^3q^2r^3$

GCF = _____

5

$20ab^3c^2, 17b^3c$

GCF = _____

6

$36ab^2c^4, 16a^3bc^2$

GCF = _____

7

$45p^3q^3r^3, 35pqr^4$

GCF = _____

8

$25xy^3, 40x^4y^5$

GCF = _____

9

$50mn^2, 30m^3n^4$

GCF = _____

10

$8x^2yz^4, 10xyz^4$

GCF = _____

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Find the greatest common factor for each pair of monomial.

1

$$44xy^4z, 18y^2x$$

$$\text{GCF} = \underline{2xy^2}$$

2

$$9m^5n^5, 27mn$$

$$\text{GCF} = \underline{9mn}$$

3

$$24y, 36y^5z^2$$

$$\text{GCF} = \underline{12y}$$

4

$$17pqr, 34p^3q^2r^3$$

$$\text{GCF} = \underline{17pqr}$$

5

$$20ab^3c^2, 17b^3c$$

$$\text{GCF} = \underline{b^3c}$$

6

$$36ab^2c^4, 16a^3bc^2$$

$$\text{GCF} = \underline{4abc^2}$$

7

$$45p^3q^3r^3, 35pqr^4$$

$$\text{GCF} = \underline{5pqr^3}$$

8

$$25xy^3, 40x^4y^5$$

$$\text{GCF} = \underline{5xy^3}$$

9

$$50mn^2, 30m^3n^4$$

$$\text{GCF} = \underline{10mn^2}$$

10

$$8x^2yz^4, 10xyz^4$$

$$\text{GCF} = \underline{2xyz^4}$$