

GCF Monomials

Name: _____

Date: _____

Find the greatest common factor for each pair of monomial.

1

$$15x^2y^3z, 9x^3yz^2$$

GCF = _____

2

$$28a^4b^3c^2, 18ab^4c^3$$

GCF = _____

3

$$26x^4z^2, 42xy^3z^4$$

GCF = _____

4

$$9b^3c^2, 45b^4c^3a$$

GCF = _____

5

$$48m^4n^3, 6m^2n$$

GCF = _____

6

$$10x^2y^2z^2, 24y^3z^3$$

GCF = _____

7

$$30p^5q^4r^3, 12pqr$$

GCF = _____

8

$$21p^3q^2r^3, 7p^4q^4r^3$$

GCF = _____

9

$$44x^3yz^2, 11xy^2z^3$$

GCF = _____

10

$$36x^5y^4z^3, 14x^2y^3$$

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$$15x^2y^3z, 9x^3yz^2$$

$$\text{GCF} = \underline{3x^2yz}$$

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$$28a^4b^3c^2, 18ab^4c^3$$

$$\text{GCF} = \underline{2ab^3c^2}$$

3

$$26x^4z^2, 42xy^3z^4$$

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

4

$$9b^3c^2, 45b^4c^3a$$

$$\text{GCF} = \underline{9b^3c^2}$$

5

$$48m^4n^3, 6m^2n$$

$$\text{GCF} = \underline{6m^2n}$$

6

$$10x^2y^2z^2, 24y^3z^3$$

$$\text{GCF} = \underline{2y^2z^2}$$

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$$30p^5q^4r^3, 12pqr$$

$$\text{GCF} = \underline{6pqr}$$

8

$$21p^3q^2r^3, 7p^4q^4r^3$$

$$\text{GCF} = \underline{7p^3q^2r^3}$$

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$$44x^3yz^2, 11xy^2z^3$$

$$\text{GCF} = \underline{11xyz^2}$$

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$$36x^5y^4z^3, 14x^2y^3$$

$$\text{GCF} = \underline{2x^2y^3}$$