

GCF Monomials

Name: _____

Date: _____

Find the greatest common factor for each pair of monomial.

1

$15x^3y^4, 12x^4$

GCF = _____

2

$26xyz^4, 13x^3y^2z$

GCF = _____

3

$14x^2y^4, 20y^3z^3$

GCF = _____

4

$17x^3y^2z^5, 9x^3y^2z^5$

GCF = _____

5

$24x^2y^2z^2, 18x^3y^3z^3$

GCF = _____

6

$19xy^2, 23x^3y^2z$

GCF = _____

7

$17xyz, 23x^4y^5z^2$

GCF = _____

8

$29x^3y^3, 18y^2z^4$

GCF = _____

9

$27x^4y^4z^4, 8x^2y^2z^2$

GCF = _____

10

$11yz^4, 22x^3yz^2$

GCF = _____

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Name: _____

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Find the greatest common factor for each pair of monomial.

1

$15x^3y^4, 12x^4$

$GCF = \underline{3x^3}$

2

$26xyz^4, 13x^3y^2z$

$GCF = \underline{13xyz}$

3

$14x^2y^4, 20y^3z^3$

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

4

$17x^3y^2z^5, 9x^3y^2z^5$

$GCF = \underline{x^3y^2z^5}$

5

$24x^2y^2z^2, 18x^3y^3z^3$

$GCF = \underline{6x^2y^2z^2}$

6

$19xy^2, 23x^3y^2z$

$GCF = \underline{xy^2}$

7

$17xyz, 23x^4y^5z^2$

$GCF = \underline{xyz}$

8

$29x^3y^3, 18y^2z^4$

$GCF = \underline{y^2}$

9

$27x^4y^4z^4, 8x^2y^2z^2$

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

10

$11yz^4, 22x^3yz^2$

$GCF = \underline{11yz^2}$