

Name : _____

GCF - Monomials

ES2

Find the greatest common factor for each pair of monomials.

1) $24pq^4r, 12pq^3$

GCF = _____

2) $18a^4b^4, 24a^2b^2$

GCF = _____

3) $8xy^2, 20x^2y^4$

GCF = _____

4) $9x^4y, 21xy^3$

5) $16a^2bc^2, 4ab^2c^2$

GCF = _____

7) $21x^4, 7y^6$

GCF = _____

9) $15m^3n^3, 6m^2n^2$

GCF = _____

10) $a^2b^6c, 2a^3b^3c^3$

GCF = _____

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Name : _____

Answer key

GCF - Monomials

ES2

Find the greatest common factor for each pair of monomials.

1) $24pq^4r, 12pq^3$

GCF = 12pq³

2) $18a^4b^4, 24a^2b^2$

GCF = 6a²b²

3) $8xy^2, 20x^2y^4$

GCF = 4xy

4) $9x^4y, 21xy^3$

GCF = xy

5) $16a^2bc^2, 4ab^2c^2$

GCF = 4a

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GCF = cy

7) $21x^4, 7y^6$

GCF = 7

GCF = p⁴q

9) $15m^3n^3, 6m^2n^2$

GCF = 3m²n²

10) $a^2b^6c, 2a^3b^3c^3$

GCF = a²b³c