

Name : \_\_\_\_\_

## GCF - Monomials

ES1

Find the greatest common factor for each pair of monomials.

1)  $4xy, 2x^2$

GCF = \_\_\_\_\_

2)  $12x^2yz, 3xy^2$

GCF = \_\_\_\_\_

3)  $16x^3y, 8x^2$

GCF = \_\_\_\_\_

4)  $a^2b, 4ab^2$

GCF = \_\_\_\_\_

5)  $15m^2n, 25m^3n^2$

GCF = \_\_\_\_\_

6)  $12a^2b^2c^2, 20abc$

GCF = \_\_\_\_\_

7)  $p^2q^2, pqr$

GCF = \_\_\_\_\_

8)  $8xyz, 2x^2y^2z$

GCF = \_\_\_\_\_

9)  $22m^5n^3, 11m^2n^4$

GCF = \_\_\_\_\_

10)  $18ab, 9ab$

GCF = \_\_\_\_\_

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## Answer key

### GCF - Monomials

ES1

Find the greatest common factor for each pair of monomials.

1)  $4xy, 2x^2$

GCF = 2x

2)  $12x^2yz, 3xy^2$

GCF = 3xy

3)  $16x^3y, 8x^2$

GCF = 8x<sup>2</sup>

4)  $a^2b, 4ab^2$

GCF = ab

5)  $15m^2n, 25m^3n^2$

GCF = 5m<sup>2</sup>n

6)  $12a^2b^2c^2, 20abc$

GCF = 4abc

7)  $p^2q^2, pqr$

GCF = pq

8)  $8xyz, 2x^2y^2z$

GCF = 2xyz

9)  $22m^5n^3, 11m^2n^4$

GCF = 11m<sup>2</sup>n<sup>3</sup>

10)  $18ab, 9ab$

GCF = 9ab