

Student Name: _____

Score: _____

Write the Factors

Example:

Factors of $2x^2y$: 1, 2, x, y, 2x, 2y, 2xy, x^2 , $2x^2$, x^2y and $2x^2y$ *Work Space*

Factors of $3x^3$: _____

Factors of a^2b^2 : _____

Factors of $7mn^2$: _____

Factors of y^4 : _____

Factors of xy^3 : _____

Factors of $2ac^2$: _____

Factors of $7k^3$: _____

Factors of lmn^2 : _____

Factors of a^2bc^2 : _____

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Answers

Factors of $3x^3$: $1, 3, x, 3x, x^2, 3x^2, x^3$ and $3x^3$

Factors of a^2b^2 : $1, a, b, ab, a^2, a^2b, b^2, ab^2$ and a^2b^2

Factors of $7mn^2$: $1, 7, m, n, 7m, 7n, 7mn, n^2, 7n^2, mn^2$ and $7mn^2$

Factors of y^4 : $1, y, y^2, y^3$ and y^4

Factors of xy^3 : $1, x, y, xy, y^2, xy^2, y^3$ and xy^3

Factors of $2ac^2$: $1, 2, a, c, ac, 2a, 2c, 2ac, c^2, ac^2$ and $2ac^2$

Factors of $7k^3$: $1, 7, k, 7k, k^2, 7k^2, k^3$ and $7k^3$

Factors of lmn^2 : $1, l, m, n, lm, ln, mn, lmn, n^2, ln^2, mn^2$ and lmn^2

Factors of a^2bc^2 : $1, a, b, c, ab, bc, ca, a^2, c^2, a^2b, a^2c, a^2bc, ac^2, abc^2$ and a^2bc^2