

Name : _____

Score : _____

Teacher : _____

Date : _____

Factoring Monomials

Write the prime factorization of each. Do not use exponents.

1) $6ns^3$

6) $12g^2$

2) $6z^3x^2$

7) $18g^3z$

3) $15r^2p^2$

8) $6r^3n^3$

4) $20ws$

9) $18m^2z$

5) $4b^2s^3$

10) $8hy^2$



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Factoring Monomials

Write the prime factorization of each. Do not use exponents.

1) $6ns^3$

$$2 * 3 * n * s * s * s$$

6) $12g^2$

$$2 * 2 * 3 * g * g$$

2) $6z^3x^2$

$$2 * 3 * z * z * z * x * x$$

7) $18g^3z$

$$2 * 3 * 3 * g * g * g * z$$

3) $15r^2p^2$

$$3 * 5 * r * r * p * p$$

8) $6r^3n^3$

$$2 * 3 * r * r * r * n * n * n$$

4) $20ws$

$$2 * 2 * 5 * w * s$$

9) $18m^2z$

$$2 * 3 * 3 * m * m * z$$

5) $4b^2s^3$

$$2 * 2 * b * b * s * s * s$$

10) $8hy^2$

$$2 * 2 * 2 * h * y * y$$

