

Name : _____

LCM - Monomials

ES4

Find the least common multiple.

1) $15w^2x^2, 3w^5x^5, 10w^4x^4$

2) $5a^2, 12a, a^3$

LCM = _____

LCM = _____

3) $g^4, 17, g^4$

4) $n^4a^6r^2, n^6a^3r, n^2ar^6$

LCM = _____

5) $9b^3d, 4cd^2, 18bd$

LCM = _____

7) $mn, 7n^2, 14n^3$

LCM = _____

9) $8k^2, 2k^6, 24$

10) $4z^5, 13y^3z, y^6z$

LCM = _____

LCM = _____

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Name : _____

Answer key

LCM - Monomials

ES4

Find the least common multiple.

1) $15w^2x^2, 3w^5x^5, 10w^4x^4$

2) $5a^2, 12a, a^3$

LCM = $30w^5x^5$

LCM = $60a^3$

3) $g^4, 17, g^4$

4) $n^4a^6r^2, n^6a^3r, n^2qr^6$

LCM = $17g^4$

$n^6a^6r^6$

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5) $9b^3d, 4cd^2, 18bd$

LCM = $36b^3cd^2$

uv^6

7) $mn, 7n^2, 14n^3$

LCM = $14n^3$

LCM = h^2

9) $8k^2, 2k^6, 24$

10) $4z^5, 13y^3z, y^6z$

LCM = $24k^6$

LCM = $52y^6z^5$