

Name : _____

LCM - Monomials

MS4

Find the least common multiple of each pair of monomials.

1) $93a^2b^7, 24c^5$

LCM = _____

2) $14p^2, 36p^4$

LCM = _____

3) $27u^2v, 81uv^6$

LCM = _____

5) $34st^4, 42st$

LCM = _____

7) $7x^3y^6, 63$

LCM = _____

9) $k^5, 78k^9$

LCM = _____

10) $22p^2q^4r^3, 18p^4q^8r^2$

LCM = _____

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Name : _____

Answer key

LCM - Monomials

MS4

Find the least common multiple of each pair of monomials.

1) $93a^2b^7, 24c^5$

LCM = $744a^2b^7c^5$

2) $14p^2, 36p^4$

LCM = $252p^4$

3) $27u^2v, 81uv^6$

LCM = $81u^2v^6$

4) $8c^9d^2, 12c^7d$

LCM = $24c^9d^2$

5) $34st^4, 42st$

LCM = $714st^4$

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LCM = $3192st^4$

7) $7x^3y^6, 63$

LCM = $63x^3y^6$

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LCM = $63g^7h^3$

9) $k^5, 78k^9$

LCM = $78k^9$

10) $22p^2q^4r^3, 18p^4q^8r^2$

LCM = $198p^4q^8r^3$