

Name : _____

LCM - Monomials

MS1

Find the least common multiple of each pair of monomials.

1) $45, 20t^4$

LCM = _____

2) $4g^9h^8, 6g^5h^8$

LCM = _____

3) $18m^6n^2, 54m^4n^5$

LCM = _____

4) n^4a^2r, n^3ar^5

5) $12c^3d, 39c^7d^2$

LCM = _____

7) $63rs, 21rs^2$

LCM = _____

9) $24x^5y^9, 56x^8$

LCM = _____

10) $66ab^4, 22a^2b$

LCM = _____

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Name : _____

Answer key

LCM - Monomials

MS1

Find the least common multiple of each pair of monomials.

1) $45, 20t^4$

LCM = 180t⁴

2) $4g^9h^8, 6g^5h^8$

LCM = 12g⁹h⁸

3) $18m^6n^2, 54m^4n^5$

LCM = 54m⁶n⁵

4) n^4a^2r, n^3ar^5

LCM = n⁴a²r⁵

5) $12c^3d, 39c^7d^2$

LCM = 156c⁷d²

7) $63rs, 21rs^2$

LCM = 63rs²

9) $24x^5y^9, 56x^8$

LCM = 168x⁸y⁹

10) $66ab^4, 22a^2b$

LCM = 66a²b⁴

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