

Name : _____

LCM - Monomials

ES1

Find the least common multiple of each pair of monomials.

1) $4x^2y, 12xy$

LCM = _____

2) $10a^4b, 15a^3b^2$

LCM = _____

3) $6mn^3, 24n$

LCM = _____

4) $12pq^6, 18p^3q^4$

LCM = _____

5) $2abc^3, 10ab^6$

LCM = _____

6) $x^6y^2z, 7xy^5z^2$

LCM = _____

7) $16qr^4, 2q^2r^5$

LCM = _____

8) $18c^3d^3, 3cd^3$

LCM = _____

9) $5ab^3c, a^4c$

LCM = _____

10) $4c^2, cd^2$

LCM = _____

Name : _____

Answer key

LCM - Monomials

ES1

Find the least common multiple of each pair of monomials.

1) $4x^2y, 12xy$

LCM = $12x^2y$

2) $10a^4b, 15a^3b^2$

LCM = $30a^4b^2$

3) $6mn^3, 24n$

LCM = $24mn^3$

4) $12pq^6, 18p^3q^4$

LCM = $36p^3q^6$

5) $2abc^3, 10ab^6$

LCM = $10ab^6c^3$

6) $x^6y^2z, 7xy^5z^2$

LCM = $7x^6y^5z^2$

7) $16qr^4, 2q^2r^5$

LCM = $16q^2r^5$

8) $18c^3d^3, 3cd^3$

LCM = $18c^3d^3$

9) $5ab^3c, a^4c$

LCM = $5a^4b^3c$

10) $4c^2, cd^2$

LCM = $4c^2d^2$