

Name : _____

LCM - Monomials

ES1

Find the least common multiple of each pair of monomials.

1) $12t^2u, 3u^2v$

LCM = _____

2) $14a^4b, 21a^3b$

LCM = _____

3) $6mn^3, 24n$

LCM = _____

4) $18p^2q^6, 9p^3q^4$

LCM = _____

5) $2w^3, 10w^6$

LCM = _____

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

LCM = _____

7) $16rs^4, 8r^2s^5$

LCM = _____

8) $15k, 5$

LCM = _____

9) $11gh^3, g^4h$

LCM = _____

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

LCM = _____

Name : _____

Answer key

LCM - Monomials

ES1

Find the least common multiple of each pair of monomials.

1) $12t^2u, 3u^2v$

LCM = $12t^2u^2v$

2) $14a^4b, 21a^3b$

LCM = $42a^4b$

3) $6mn^3, 24n$

LCM = $24mn^3$

4) $18p^2q^6, 9p^3q^4$

LCM = $18p^3q^6$

5) $2w^3, 10w^6$

LCM = $10w^6$

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

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

7) $16rs^4, 8r^2s^5$

LCM = $16r^2s^5$

8) $15k, 5$

LCM = $15k$

9) $11gh^3, g^4h$

LCM = $11g^4h^3$

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

LCM = $4c^2d^2$