

Name: _____ Date: _____

LCM of Monomials

Find the LCM of each pair of monomials.

① $40f, 8ef^2$	② $38y^2, 24xy$
③ $18b, 27ab$	④ $18x^5, 12x^8$
⑤ $30b^4, 30c^3$	⑥ $45xy^3, 54x^3y$
⑦ $36m^4, 28n^4$	⑧ $12, 36xy^4z^3$
⑨ $18m^8n^5, 3n^3$	⑩ $12r^2st, 3st^2$
⑪ a^3d, dx^2	⑫ $22m^5n^2, 11m^4n^3$
⑬ p^2q^2, pqr	⑭ $38v, 6v$
⑮ $15m^2n, 25m^3n^3$	⑯ $4a, 3b$

LCM of Monomials

Answers

① $40f, 8ef^2$ $40ef^2$	② $38y^2, 24xy$ $456xy^2$
③ $18b, 27ab$ $54ab$	④ $18x^5, 12x^8$ $36x^8$
⑤ $30b^4, 30c^3$ $30b^4c^3$	⑥ $45xy^3, 54x^3y$ $270x^3y^3$
⑦ $36m^4, 28n^4$ $252m^4n^4$	⑧ $12, 36xy^4z^3$ $36xy^4z^3$
⑨ $18m^8n^5, 3n^3$ $18m^8n^5$	⑩ $12r^2st, 3st^2$ $12r^2st^3$
⑪ a^3d, dx^2 a^3dx^2	⑫ $22m^5n^2, 11m^4n^3$ $22m^5n^3$
⑬ p^2q^2, pqr p^2q^2r	⑭ $38v, 6v$ $114v$
⑮ $15m^2n, 25m^3n^3$ $75m^3n^3$	⑯ $4a, 3b$ $12ab$