

Name : _____

LCM - Monomials

MS3

Find the least common multiple.

1) $48x^5, 15x^4, 30x^6$

2) $12n^7, 48mn^9, 32m$

LCM = _____

LCM = _____

3) $15, 20y^7z^8, 5y^9z^5$

4) a^6, a^9, b^3

LCM = _____

5) $72p^2qr^4, 80pq^3r$

LCM = _____

7) $42w^2, w^2, 30w^2$

LCM = _____

9) uv^5, v^6, u^7v^4

10) $90s^7t, 18, 9st^2$

LCM = _____

LCM = _____

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Name : _____

Answer key

LCM - Monomials

MS3

Find the least common multiple.

1) $48x^5, 15x^4, 30x^6$

2) $12n^7, 48mn^9, 32m$

LCM = $\underline{240x^6}$

LCM = $\underline{96mn^9}$

3) $15, 20y^7z^8, 5y^9z^5$

4) a^6, a^9, b^3

LCM = $\underline{60y^7z^8}$

LCM = $\underline{a^9b^3}$

5) $72p^2qr^4, 80pq^3r$

LCM = $\underline{720p^2q^3r^4}$

LCM = $\underline{3h}$

7) $42w^2, w^2, 30w^2$

LCM = $\underline{210w^2}$

LCM = $\underline{c^5d}$

9) uv^5, v^6, u^7v^4

10) $90s^7t, 18, 9st^2$

LCM = $\underline{u^7v^6}$

LCM = $\underline{90s^7t^2}$

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