Name : _____

LCM - Monomials

Find the least common multiple of each pair of monomials.

1) $25x^4y^4$, $10x^2y$

LCM = _____

2) $12abc^5$, $14abc$

LCM = _____

3) $6m^4n^2$, $14mn$

LCM = _____

4) p^2qr^2, $9pq^2r$

LCM = _____

5) $3c^4d^2$, $24c^6d^2$

LCM = _____

7) $18abc^2$, $6a^2b^4c^2$

LCM = _____

LCM = _____

9) $12pq^2$, $16p^2q$

LCM = _____

10) $2xy$, $3x$

LCM = _____

Answer key

LCM - Monomials

Find the least common multiple of each pair of monomials.

1) $25x^4y^4$, $10x^2y$

LCM = **$50x^4y^4$**

2) $12abc^5$, $14abc$

LCM = **$84abc^5$**

3) $6m^4n^2$, $14mn$

LCM = **$42m$**

4) p^2qr^2, $9pq^2r$

LCM = **q^2r^2**

5) $3c^4d^2$, $24c^6d^2$

LCM = **$24c$**

6)

LCM = **$^5z^7$**

7) $18abc^2$, $6a^2b^4c^2$

LCM = **$18a$**

8)

LCM = **$...^3n^2$**

9) $12pq^2$, $16p^2q$

LCM = **$48p^2q^2$**

10) $2xy$, $3x$

LCM = **$6xy$**