

Name : \_\_\_\_\_

## LCM - Monomials

MS3

Find the least common multiple of each pair of monomials.

1)  $81w^4, 90u^2v^6w$

2)  $35y^3, 63xy^2$

LCM = \_\_\_\_\_

LCM = \_\_\_\_\_

3)  $4r^3, 64s^4$

4)  $21a^8b^5c, 16a^7b^2c^6$

LCM = \_\_\_\_\_

5)  $10pq^2, 25p^4q^2$

LCM = \_\_\_\_\_

7)  $36d^7, 9d^8$

LCM = \_\_\_\_\_

9)  $58w^4x^5, 32w^9x^3$

10)  $6z^3, 8$

LCM = \_\_\_\_\_

LCM = \_\_\_\_\_

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## Answer key

### LCM - Monomials

MS3

Find the least common multiple of each pair of monomials.

1)  $81w^4, 90u^2v^6w$

2)  $35y^3, 63xy^2$

LCM =  $\underline{810u^2v^6w^4}$

LCM =  $\underline{315xy^3}$

3)  $4r^3, 64s^4$

4)  $21a^8b^5c, 16a^7b^2c^6$

LCM =  $\underline{64r^3s^4}$

LCM =  $\underline{21a^8b^5c^6}$

5)  $10pq^2, 25p^4q^2$

LCM =  $\underline{50p^4q^2}$

LCM =  $\underline{25p^4q^2}$

7)  $36d^7, 9d^8$

LCM =  $\underline{36d^8}$

LCM =  $\underline{9d^8}$

9)  $58w^4x^5, 32w^9x^3$

10)  $6z^3, 8$

LCM =  $\underline{928w^9x^5}$

LCM =  $\underline{24z^3}$

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