

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

## LCM - Monomials

MS5

Find the least common multiple of each pair of monomials.

1)  $26q^4rs, 12$

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

2)  $15k^5, 20k^8$

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

3)  $57y^5z^3, 19yz^2$

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

5)  $42n, 98mn$

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

7)  $16w^2x^3, 24w^3x^7$

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

9)  $17cd^3, 34cd^8$

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

10)  $50t^6u^7v, 45t^3u^3v^4$

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

4)  $18a^9b^3, 72a^3$

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

## Answer key

### LCM - Monomials

MS5

Find the least common multiple of each pair of monomials.

1)  $26q^4rs, 12$

LCM =  $156q^4rs$

2)  $15k^5, 20k^8$

LCM =  $60k^8$

3)  $57y^5z^3, 19yz^2$

LCM =  $57y^5z^3$

4)  $18a^9h^3, 72a^3$

LCM =  $18a^9h^3$

5)  $42n, 98mn$

LCM =  $294mn$

7)  $16w^2x^3, 24w^3x^7$

LCM =  $48w^3x^7$

9)  $17cd^3, 34cd^8$

LCM =  $34cd^8$

10)  $50t^6u^7v, 45t^3u^3v^4$

LCM =  $450t^6u^7v^4$

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