

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

## LCM - Monomials

MS4

Find the least common multiple.

1)  $60g^2h^4, 4gh^3, 75g^2h^2$

2)  $k^7, k^9, k^2$

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

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

3)  $18a, a^7, 54$

4)  $12h^4c, 15h^9c^8, 9cd^9$

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

5)  $5u^2v, u^5v, 10u$

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

7)  $52p^8q^3r^2, 13p^4q$

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

9)  $28q, 21q, 49q$

10)  $35w^4, 10x^5, 40w^2$

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

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

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## Answer key

### LCM - Monomials

MS4

Find the least common multiple.

1)  $60g^2h^4, 4gh^3, 75g^2h^2$

2)  $k^7, k^9, k^2$

LCM =  $300g^2h^4$

LCM =  $k^9$

3)  $18a, a^7, 54$

4)  $12h^4c, 15h^9c^8, 9cd^9$

LCM =  $54a^7$

$9c^8d^9$

5)  $5u^2v, u^5v, 10u$

LCM =  $10u^5v$

$yz^6$

7)  $52p^8q^3r^2, 13p^4q$

LCM =  $52p^8q^3r^2$

LCM =  $m^6$

9)  $28q, 21q, 49q$

10)  $35w^4, 10x^5, 40w^2$

LCM =  $588q$

LCM =  $280w^4x^5$

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