

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

## LCM - Monomials

MS1

Find the least common multiple.

1)  $22q^5s^6, 24q^4r^7, 11s^3$

2)  $x^2y^9, 85xy^5, x^8y$

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

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

3)  $13n, 26mn, 39n$

4)  $14w^2, 21w^3, w^4$

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

5)  $z^8, 3z^7, 17z^8$

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

7)  $42h^3, 12g^2, 15g$

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

9)  $25p^9, 10p^5, 35$

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

10)  $ab^3c^2, ab^6c^4, abc^5$

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

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

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

## Answer key

### LCM - Monomials

MS1

Find the least common multiple.

1)  $22q^5s^6, 24q^4r^7, 11s^3$

LCM =  $264q^5r^7s^6$

2)  $x^2y^9, 85xy^5, x^8y$

LCM =  $85x^8y^9$

3)  $13n, 26mn, 39n$

LCM =  $78$

4)  $14w^2, 21w^3, w^4$

$w^4$

5)  $z^8, 3z^7, 17z^8$

LCM =  $51$

Gain complete access to the largest collection of worksheets in all subjects!

$v^2$

7)  $42h^3, 12g^2, 15gl$

LCM =  $420$

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

$4u^6v^2$

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

LCM =  $8k$

9)  $25p^9, 10p^5, 35$

LCM =  $350p^9$

10)  $ab^3c^2, ab^6c^4, abc^5$

LCM =  $ab^6c^5$