

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

## LCM - Monomials

MS2

Find the least common multiple of each pair of monomials.

1)  $54xy, 4xyz$

2)  $75u^3, 45u$

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

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

3)  $40ab^4, 60$

4)  $27m^6n, 2m^2n^5$

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

5)  $84w^3, 14w^3$

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

7)  $15p^6, 51p^5q$

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

9)  $36g^3h^6, 18g^4h^6$

10)  $72b^4c^9d, b^5c^6d^4$

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

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

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

## Answer key

### LCM - Monomials

MS2

Find the least common multiple of each pair of monomials.

1)  $54xy, 4xyz$

LCM = 108xyz

2)  $75u^3, 45u$

LCM = 225u<sup>3</sup>

3)  $40ab^4, 60$

LCM = 120

4)  $27m^6n, 3m^2n^5$

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$n^6n^5$

5)  $84w^3, 14w^3$

LCM = 84

$s^7$

7)  $15p^6, 51p^5q$

LCM = 255

LCM =  $k^8$

9)  $36g^3h^6, 18g^4h^6$

LCM = 36g<sup>4</sup>h<sup>6</sup>

10)  $72b^4c^9d, b^5c^6d^4$

LCM = 72b<sup>5</sup>c<sup>9</sup>d<sup>4</sup>