

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

## LCM - Monomials

MS2

Find the least common multiple.

1)  $30m^2, 24m^3, m^3$

2)  $33st, 99t, 90r$

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

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

3)  $2u^4v, 11u^8v^5, 13uv^8$

4)  $60n^4, 72n^2, 48n^3$

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

5)  $g^9, 20g, g^8$

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

7)  $12cd^2, 36d^2, 6d^2$

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

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

9)  $52x^5yz^6, x^3y^2, y^8z$

10)  $24h^5, 8h^4, 16h^6$

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

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

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## Answer key

### LCM - Monomials

MS2

Find the least common multiple.

1)  $30m^2, 24m^3, m^3$

2)  $33st, 99t, 90r$

LCM = 120m<sup>3</sup>

LCM = 990rst

3)  $2u^4v, 11u^8v^5, 13uv^8$

4)  $60n^4, 72n^2, 48n^3$

LCM = 286

60n<sup>4</sup>

5)  $g^9, 20g, g^8$

LCM = 20

7b<sup>3</sup>

7)  $12cd^2, 36d^2, 6d^2$

LCM = 36

LCM = 4r<sup>4</sup>

9)  $52x^5yz^6, x^3y^2, y^8z$

10)  $24h^5, 8h^4, 16h^6$

LCM = 52x<sup>5</sup>y<sup>8</sup>z<sup>6</sup>

LCM = 48h<sup>6</sup>

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