

## LCM Revisited

Date \_\_\_\_\_ Period \_\_\_\_\_

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**Find the LCM of each.**

1) 18, 27

2) 40, 30

3) 15, 40

4) 8, 21

5) 20, 24

6) 36, 27

7)  $36, 18a^2$

8)  $16x^4, 16x^3y$

9)  $27x^2, 9y^2$

10)  $20m^4, 30m^2$

11)  $16m, 36m^2$

12)  $30x^4, 40x^2$

13) 30, 20, 40

14) 36, 18, 27

15) 24, 30, 33

16) 36, 8, 24

17) 40, 16, 24

18) 30, 18, 36

19)  $20u^2$ ,  $20u^3v$ ,  $30u^2$

20)  $21u^2v$ ,  $21v$ ,  $21v^3$

21)  $30y^2$ ,  $30xy$ ,  $20xy$

22)  $36x^2$ ,  $28x^2$ ,  $40y^2x^2$

23)  $35xy^2$ ,  $21y^2$ ,  $14y^2$

24)  $15x$ ,  $40x$ ,  $30y^2x$

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**Find the LCM of each.**

1) 18, 27

$54$

2) 40, 30

$120$

3) 15, 40

$120$

4) 8, 21

$168$

5) 20, 24

$120$

6) 36, 27

$108$

7)  $36, 18a^2$

$36a^2$

8)  $16x^4, 16x^3y$

$16x^4y$

9)  $27x^2, 9y^2$

$27x^2y^2$

10)  $20m^4, 30m^2$

$60m^4$

11)  $16m, 36m^2$

$144m^2$

12)  $30x^4, 40x^2$

$120x^4$

13) 30, 20, 40

120

14) 36, 18, 27

108

15) 24, 30, 33

1320

16) 36, 8, 24

72

17) 40, 16, 24

240

18) 30, 18, 36

180

19)  $20u^2$ ,  $20u^3v$ ,  $30u^2$

$60u^3v$

20)  $21u^2v$ ,  $21v$ ,  $21v^3$

$21v^3u^2$

21)  $30y^2$ ,  $30xy$ ,  $20xy$

$60y^2x$

22)  $36x^2$ ,  $28x^2$ ,  $40y^2x^2$

$2520y^2x^2$

23)  $35xy^2$ ,  $21y^2$ ,  $14y^2$

$210xy^2$

24)  $15x$ ,  $40x$ ,  $30y^2x$

$120y^2x$