

Least common multiple (LCM)

Name _____ Date _____

Hard: Three numbers 2–15 · Grade 6

Find the least common multiple (LCM) of the numbers.

1.

$$\text{LCM}(15, 10, 8) = \underline{\hspace{2cm}}$$

2.

$$\text{LCM}(12, 3, 5) = \underline{\hspace{2cm}}$$

3.

$$\text{LCM}(8, 10, 2) = \underline{\hspace{2cm}}$$

4.

$$\text{LCM}(14, 15, 7) = \underline{\hspace{2cm}}$$

5.

$$\text{LCM}(7, 10, 15) = \underline{\hspace{2cm}}$$

6.

$$\text{LCM}(3, 10, 7) = \underline{\hspace{2cm}}$$

7.

$$\text{LCM}(10, 12, 3) = \underline{\hspace{2cm}}$$

8.

$$\text{LCM}(11, 4, 8) = \underline{\hspace{2cm}}$$

9.

$$\text{LCM}(7, 5, 6) = \underline{\hspace{2cm}}$$

10.

$$\text{LCM}(4, 7, 9) = \underline{\hspace{2cm}}$$

11.

$$\text{LCM}(3, 5, 4) = \underline{\hspace{2cm}}$$

12.

$$\text{LCM}(6, 14, 10) = \underline{\hspace{2cm}}$$

13.

$$\text{LCM}(4, 11, 9) = \underline{\hspace{2cm}}$$

14.

$$\text{LCM}(15, 2, 13) = \underline{\hspace{2cm}}$$

15.

$$\text{LCM}(12, 4, 15) = \underline{\hspace{2cm}}$$

16.

$$\text{LCM}(7, 9, 5) = \underline{\hspace{2cm}}$$

17.

$$\text{LCM}(15, 6, 9) = \underline{\hspace{2cm}}$$

18.

$$\text{LCM}(2, 13, 14) = \underline{\hspace{2cm}}$$

19.

$$\text{LCM}(6, 12, 10) = \underline{\hspace{2cm}}$$

20.

$$\text{LCM}(7, 10, 12) = \underline{\hspace{2cm}}$$

Least common multiple (LCM) — answer key

Set 101

Hard: Three numbers 2–15 · Grade 6

Find the least common multiple (LCM) of the numbers.

1.

$$\text{LCM}(15, 10, 8) = \underline{120}$$

2.

$$\text{LCM}(12, 3, 5) = \underline{60}$$

3.

$$\text{LCM}(8, 10, 2) = \underline{40}$$

4.

$$\text{LCM}(14, 15, 7) = \underline{210}$$

5.

$$\text{LCM}(7, 10, 15) = \underline{210}$$

6.

$$\text{LCM}(3, 10, 7) = \underline{210}$$

7.

$$\text{LCM}(10, 12, 3) = \underline{60}$$

8.

$$\text{LCM}(11, 4, 8) = \underline{88}$$

9.

$$\text{LCM}(7, 5, 6) = \underline{210}$$

10.

$$\text{LCM}(4, 7, 9) = \underline{252}$$

11.

$$\text{LCM}(3, 5, 4) = \underline{60}$$

12.

$$\text{LCM}(6, 14, 10) = \underline{210}$$

13.

$$\text{LCM}(4, 11, 9) = \underline{396}$$

14.

$$\text{LCM}(15, 2, 13) = \underline{390}$$

15.

$$\text{LCM}(12, 4, 15) = \underline{60}$$

16.

$$\text{LCM}(7, 9, 5) = \underline{315}$$

17.

$$\text{LCM}(15, 6, 9) = \underline{90}$$

18.

$$\text{LCM}(2, 13, 14) = \underline{182}$$

19.

$$\text{LCM}(6, 12, 10) = \underline{60}$$

20.

$$\text{LCM}(7, 10, 12) = \underline{420}$$