



Finding Least Common Multiple

Name: _____

Find the least common multiple of both numbers.

To find the least common multiple one strategy is to list the multiples of the numbers.

4	4	8	12	16	20	24	28	32	36	40	44	48
6	6	12	18	24	30	36	42	48	54	60	66	72

Some of the multiples 4 and 6 have in common are: 12, 24, 36 & 48.
The common multiple that is least is 12.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

- 1)

8	_____	_____	_____	_____	_____	_____	_____	_____
7	_____	_____	_____	_____	_____	_____	_____	_____
- 2)

9	_____	_____	_____	_____	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 3)

11	_____	_____	_____	_____	_____	_____	_____	_____	_____
7	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 4)

12	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
8	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 5)

3	_____	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____	_____
- 6)

2	_____	_____	_____	_____	_____	_____	_____
7	_____	_____	_____	_____	_____	_____	_____
- 7)

4	_____	_____	_____	_____	_____	_____	_____	_____	_____
12	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 8)

6	_____	_____	_____	_____	_____	_____	_____	_____	_____
11	_____	_____	_____	_____	_____	_____	_____	_____	_____
- 9)

8	_____	_____	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____	_____	_____
- 10)

11	_____	_____	_____	_____	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____	_____	_____	_____	_____



Finding Least Common Multiple

Name: **Answer Key**

Find the least common multiple of both numbers.

To find the least common multiple one strategy is to list the multiples of the numbers.

4	4	8	12	16	20	24	28	32	36	40	44	48
6	6	12	18	24	30	36	42	48	54	60	66	72

Some of the multiples 4 and 6 have in common are: 12, 24, 36 & 48.

The common multiple that is least is 12.

1) $\frac{8}{7}$ $\frac{8}{7}$ $\frac{16}{14}$ $\frac{24}{21}$ $\frac{32}{28}$ $\frac{40}{35}$ $\frac{48}{42}$ $\frac{56}{49}$ $\frac{64}{56}$

2) $\frac{9}{6}$ $\frac{9}{6}$ $\frac{18}{12}$ $\frac{27}{18}$ $\frac{36}{24}$ $\frac{45}{30}$ $\frac{54}{36}$ $\frac{63}{42}$ $\frac{72}{48}$ $\frac{81}{54}$

3) $\frac{11}{7}$ $\frac{11}{7}$ $\frac{22}{14}$ $\frac{33}{21}$ $\frac{44}{28}$ $\frac{55}{35}$ $\frac{66}{42}$ $\frac{77}{49}$ $\frac{88}{56}$ $\frac{99}{63}$ $\frac{110}{70}$ $\frac{121}{77}$

4) $\frac{12}{8}$ $\frac{12}{8}$ $\frac{24}{16}$ $\frac{36}{24}$ $\frac{48}{32}$ $\frac{60}{40}$ $\frac{72}{48}$ $\frac{84}{56}$ $\frac{96}{64}$ $\frac{108}{72}$ $\frac{120}{80}$ $\frac{132}{88}$ $\frac{144}{96}$

5) $\frac{3}{6}$ $\frac{3}{6}$ $\frac{6}{12}$ $\frac{9}{18}$ $\frac{12}{24}$ $\frac{15}{30}$ $\frac{18}{36}$

6) $\frac{2}{7}$ $\frac{2}{7}$ $\frac{4}{14}$ $\frac{6}{21}$ $\frac{8}{28}$ $\frac{10}{35}$ $\frac{12}{42}$ $\frac{14}{49}$

7) $\frac{4}{12}$ $\frac{4}{12}$ $\frac{8}{24}$ $\frac{12}{36}$ $\frac{16}{48}$ $\frac{20}{60}$ $\frac{24}{72}$ $\frac{28}{84}$ $\frac{32}{96}$ $\frac{36}{108}$ $\frac{40}{120}$ $\frac{44}{132}$ $\frac{48}{144}$

8) $\frac{6}{11}$ $\frac{6}{11}$ $\frac{12}{22}$ $\frac{18}{33}$ $\frac{24}{44}$ $\frac{30}{55}$ $\frac{36}{66}$ $\frac{42}{77}$ $\frac{48}{88}$ $\frac{54}{99}$ $\frac{60}{110}$ $\frac{66}{121}$

9) $\frac{8}{5}$ $\frac{8}{5}$ $\frac{16}{10}$ $\frac{24}{15}$ $\frac{32}{20}$ $\frac{40}{25}$ $\frac{48}{30}$ $\frac{56}{35}$ $\frac{64}{40}$

10) $\frac{11}{2}$ $\frac{11}{2}$ $\frac{22}{4}$ $\frac{33}{6}$ $\frac{44}{8}$ $\frac{55}{10}$ $\frac{66}{12}$ $\frac{77}{14}$ $\frac{88}{16}$ $\frac{99}{18}$ $\frac{110}{20}$ $\frac{121}{22}$

Answers

1. **56**

2. **18**

3. **77**

4. **24**

5. **6**

6. **14**

7. **12**

8. **66**

9. **40**

10. **22**