

Name : _____

Least Common Multiple

ES1

Find the least common multiple of each pair of numbers.

1) 9, 15

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

2) 4, 8

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

3) 18, 3

$$\text{LCM}(18, 3) = \underline{\hspace{2cm}}$$

4) 22, 6

$$\text{LCM}(22, 6) = \underline{\hspace{2cm}}$$

5) 9, 21

$$\text{LCM}(9, 21) = \underline{\hspace{2cm}}$$

6) 2, 3

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

7) 14, 4

$$\text{LCM}(14, 4) = \underline{\hspace{2cm}}$$

8) 5, 25

$$\text{LCM}(5, 25) = \underline{\hspace{2cm}}$$

9) 7, 6

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

10) 12, 20

$$\text{LCM}(12, 20) = \underline{\hspace{2cm}}$$

Name : _____

Answer key

Least Common Multiple

ES1

Find the least common multiple of each pair of numbers.

1) 9, 15

$$\text{LCM}(9, 15) = \underline{45}$$

2) 4, 8

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

3) 18, 3

$$\text{LCM}(18, 3) = \underline{18}$$

4) 22, 6

$$\text{LCM}(22, 6) = \underline{66}$$

5) 9, 21

$$\text{LCM}(9, 21) = \underline{63}$$

6) 2, 3

$$\text{LCM}(2, 3) = \underline{6}$$

7) 14, 4

$$\text{LCM}(14, 4) = \underline{28}$$

8) 5, 25

$$\text{LCM}(5, 25) = \underline{25}$$

9) 7, 6

$$\text{LCM}(7, 6) = \underline{42}$$

10) 12, 20

$$\text{LCM}(12, 20) = \underline{60}$$

Name : _____

Least Common Multiple

ES2

Find the least common multiple of each pair of numbers.

1) 27, 9

$$\text{LCM}(27, 9) = \underline{\hspace{2cm}}$$

2) 6, 20

$$\text{LCM}(6, 20) = \underline{\hspace{2cm}}$$

3) 16, 12

$$\text{LCM}(16, 12) = \underline{\hspace{2cm}}$$

4) 15, 3

$$\text{LCM}(15, 3) = \underline{\hspace{2cm}}$$

5) 4, 18

$$\text{LCM}(4, 18) = \underline{\hspace{2cm}}$$

6) 7, 16

$$\text{LCM}(7, 16) = \underline{\hspace{2cm}}$$

7) 9, 10

$$\text{LCM}(9, 10) = \underline{\hspace{2cm}}$$

8) 14, 12

$$\text{LCM}(14, 12) = \underline{\hspace{2cm}}$$

9) 18, 6

$$\text{LCM}(18, 6) = \underline{\hspace{2cm}}$$

10) 2, 22

$$\text{LCM}(2, 22) = \underline{\hspace{2cm}}$$

Name : _____

Answer key

Least Common Multiple

ES2

Find the least common multiple of each pair of numbers.

1) 27, 9

$$\text{LCM}(27, 9) = \underline{27}$$

2) 6, 20

$$\text{LCM}(6, 20) = \underline{60}$$

3) 16, 12

$$\text{LCM}(16, 12) = \underline{48}$$

4) 15, 3

$$\text{LCM}(15, 3) = \underline{15}$$

5) 4, 18

$$\text{LCM}(4, 18) = \underline{36}$$

6) 7, 16

$$\text{LCM}(7, 16) = \underline{112}$$

7) 9, 10

$$\text{LCM}(9, 10) = \underline{90}$$

8) 14, 12

$$\text{LCM}(14, 12) = \underline{84}$$

9) 18, 6

$$\text{LCM}(18, 6) = \underline{18}$$

10) 2, 22

$$\text{LCM}(2, 22) = \underline{22}$$

Name : _____

Least Common Multiple

ES3

Find the least common multiple of each pair of numbers.

1) 5, 6

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

2) 8, 22

$$\text{LCM}(8, 22) = \underline{\hspace{2cm}}$$

3) 12, 18

$$\text{LCM}(12, 18) = \underline{\hspace{2cm}}$$

4) 14, 20

$$\text{LCM}(14, 20) = \underline{\hspace{2cm}}$$

5) 15, 5

$$\text{LCM}(15, 5) = \underline{\hspace{2cm}}$$

6) 16, 10

$$\text{LCM}(16, 10) = \underline{\hspace{2cm}}$$

7) 6, 16

$$\text{LCM}(6, 16) = \underline{\hspace{2cm}}$$

8) 4, 9

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

9) 24, 9

$$\text{LCM}(24, 9) = \underline{\hspace{2cm}}$$

10) 14, 8

$$\text{LCM}(14, 8) = \underline{\hspace{2cm}}$$

Name : _____

Answer key

Least Common Multiple

ES3

Find the least common multiple of each pair of numbers.

1) 5, 6

$$\text{LCM}(5, 6) = \underline{30}$$

2) 8, 22

$$\text{LCM}(8, 22) = \underline{88}$$

3) 12, 18

$$\text{LCM}(12, 18) = \underline{36}$$

4) 14, 20

$$\text{LCM}(14, 20) = \underline{140}$$

5) 15, 5

$$\text{LCM}(15, 5) = \underline{15}$$

6) 16, 10

$$\text{LCM}(16, 10) = \underline{80}$$

7) 6, 16

$$\text{LCM}(6, 16) = \underline{48}$$

8) 4, 9

$$\text{LCM}(4, 9) = \underline{36}$$

9) 24, 9

$$\text{LCM}(24, 9) = \underline{72}$$

10) 14, 8

$$\text{LCM}(14, 8) = \underline{56}$$

Name : _____

Least Common Multiple

ES4

Find the least common multiple of each pair of numbers.

1) 3, 4

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

2) 5, 10

$$\text{LCM}(5, 10) = \underline{\hspace{2cm}}$$

3) 9, 7

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

4) 12, 6

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

5) 22, 2

$$\text{LCM}(22, 2) = \underline{\hspace{2cm}}$$

6) 11, 3

$$\text{LCM}(11, 3) = \underline{\hspace{2cm}}$$

7) 7, 18

$$\text{LCM}(7, 18) = \underline{\hspace{2cm}}$$

8) 3, 9

$$\text{LCM}(3, 9) = \underline{\hspace{2cm}}$$

9) 8, 16

$$\text{LCM}(8, 16) = \underline{\hspace{2cm}}$$

10) 13, 2

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

Name : _____

Answer key

Least Common Multiple

ES4

Find the least common multiple of each pair of numbers.

1) 3, 4

$$\text{LCM}(3, 4) = \underline{12}$$

2) 5, 10

$$\text{LCM}(5, 10) = \underline{10}$$

3) 9, 7

$$\text{LCM}(9, 7) = \underline{63}$$

4) 12, 6

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

5) 22, 2

$$\text{LCM}(22, 2) = \underline{22}$$

6) 11, 3

$$\text{LCM}(11, 3) = \underline{33}$$

7) 7, 18

$$\text{LCM}(7, 18) = \underline{126}$$

8) 3, 9

$$\text{LCM}(3, 9) = \underline{9}$$

9) 8, 16

$$\text{LCM}(8, 16) = \underline{16}$$

10) 13, 2

$$\text{LCM}(13, 2) = \underline{26}$$