

Name : _____

Least Common Multiple

Sheet 1

Find the least common multiple of each set of numbers.

1) 6, 16, 8

$$\text{LCM}(6, 16, 8) = \underline{\hspace{2cm}}$$

2) 4, 12, 20

$$\text{LCM}(4, 12, 20) = \underline{\hspace{2cm}}$$

3) 36, 18, 9

$$\text{LCM}(36, 18, 9) = \underline{\hspace{2cm}}$$

4) 24, 72, 96

$$\text{LCM}(24, 72, 96) = \underline{\hspace{2cm}}$$

5) 24, 18, 30

$$\text{LCM}(24, 18, 30) = \underline{\hspace{2cm}}$$

6) 40, 20, 60

$$\text{LCM}(40, 20, 60) = \underline{\hspace{2cm}}$$

7) 27, 36, 90

$$\text{LCM}(27, 36, 90) = \underline{\hspace{2cm}}$$

8) 14, 8, 16

$$\text{LCM}(14, 8, 16) = \underline{\hspace{2cm}}$$

9) 15, 30, 45

$$\text{LCM}(15, 30, 45) = \underline{\hspace{2cm}}$$

10) 10, 4, 24

$$\text{LCM}(10, 4, 24) = \underline{\hspace{2cm}}$$

Name : _____

Answer key

Least Common Multiple

Sheet 1

Find the least common multiple of each set of numbers.

1) 6, 16, 8

$$\text{LCM}(6, 16, 8) = \underline{\quad 48 \quad}$$

2) 4, 12, 20

$$\text{LCM}(4, 12, 20) = \underline{\quad 60 \quad}$$

3) 36, 18, 9

$$\text{LCM}(36, 18, 9) = \underline{\quad 36 \quad}$$

4) 24, 72, 96

$$\text{LCM}(24, 72, 96) = \underline{\quad 288 \quad}$$

5) 24, 18, 30

$$\text{LCM}(24, 18, 30) = \underline{\quad 360 \quad}$$

6) 40, 20, 60

$$\text{LCM}(40, 20, 60) = \underline{\quad 120 \quad}$$

7) 27, 36, 90

$$\text{LCM}(27, 36, 90) = \underline{\quad 540 \quad}$$

8) 14, 8, 16

$$\text{LCM}(14, 8, 16) = \underline{\quad 112 \quad}$$

9) 15, 30, 45

$$\text{LCM}(15, 30, 45) = \underline{\quad 90 \quad}$$

10) 10, 4, 24

$$\text{LCM}(10, 4, 24) = \underline{\quad 120 \quad}$$