

Name: _____

Date: _____

GCF AND LCM OF THREE NUMBERS

1) Find GCF.

[a] 8, 16, 18

[b] 4, 6, 24

[c] 15, 20, 30

GCF = _____

GCF = _____

GCF = _____

[d] 6, 9, 18

[e] 3, 15, 21

[f] 7, 28, 49

GCF = _____

GCF = _____

GCF = _____

2) Find LCM.

[a] 8, 9, 10

[b] 4, 6, 8

[c] 3, 6, 12

LCM = _____

LCM = _____

LCM = _____

[d] 4, 12, 18

[e] 20, 40, 50

[f] 33, 15, 30

LCM = _____

LCM = _____

LCM = _____

GCF AND LCM OF THREE NUMBERS

Answers

[a] 8, 16, 18

$$\text{GCF} = \underline{2}$$

[b] 4, 6, 24

$$\text{GCF} = \underline{2}$$

[c] 15, 20, 30

$$\text{GCF} = \underline{5}$$

[d] 6, 9, 18

$$\text{GCF} = \underline{3}$$

[e] 3, 15, 21

$$\text{GCF} = \underline{3}$$

[f] 7, 28, 49

$$\text{GCF} = \underline{7}$$

[a] 8, 9, 10

$$\text{LCM} = \underline{360}$$

[b] 4, 6, 8

$$\text{LCM} = \underline{24}$$

[c] 3, 6, 12

$$\text{LCM} = \underline{12}$$

[d] 4, 12, 18

$$\text{LCM} = \underline{36}$$

[e] 20, 40, 50

$$\text{LCM} = \underline{200}$$

[f] 33, 15, 30

$$\text{LCM} = \underline{330}$$