

Name : _____

GCF and LCM

Sheet 1

A) Find the GCF, LCM, or the product of two numbers.

1) GCF = 5

LCM = 50

Product = _____

2) Product = 84

GCF = 6

LCM = _____

B) 1) What is the GCF of two numbers whose product is 312 and the LCM is 26?

a) 12

b) 13

c) 10

d) 8

2) If the LCM of two numbers is 8 and their GCF is 4, what is their product?

a) 21

b) 12

c) 32

d) 20

3) The GCF of two numbers is 7 and their product is 245. What is their LCM?

a) 90

b) 35

c) 125

d) 40

C) The GCF of 27 and another number is 9 and their LCM is 54. What is the other number?

Name : _____

Answer Key

GCF and LCM

Sheet 1

A) Find the GCF, LCM, or the product of two numbers.

1) GCF = 5

LCM = 50

Product = 250

2) Product = 84

GCF = 6

LCM = 14

B) 1) What is the GCF of two numbers whose product is 312 and the LCM is 26?

~~a) 12~~

b) 13

c) 10

d) 8

2) If the LCM of two numbers is 8 and their GCF is 4, what is their product?

a) 21

b) 12

~~c) 32~~

d) 20

3) The GCF of two numbers is 7 and their product is 245. What is their LCM?

a) 90

~~b) 35~~

c) 125

d) 40

C) The GCF of 27 and another number is 9 and their LCM is 54. What is the other number?

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Name : _____

GCF and LCM

Sheet 2

A) Find the GCF, LCM, or the product of two numbers.

1) Product = 180

GCF = 10

LCM = _____

2) GCF = 3

LCM = 33

Product = _____

B) 1) The GCF of two numbers is 9 and their LCM is 12. What is their product?

a) 105

b) 121

c) 100

d) 108

2) What is the LCM of two numbers whose product is 192 and the GCF is 8?

a) 100

b) 24

c) 120

d) 16

3) If the LCM of two numbers is 45 and their product is 225, what is their GCF?

a) 5

b) 9

c) 2

d) 6

C) The LCM of two numbers is 42 and their GCF is 7. If one of the numbers is 14, what is the other number?

Name : _____

Answer Key

GCF and LCM

Sheet 2

A) Find the GCF, LCM, or the product of two numbers.

1) Product = 180

GCF = 10

LCM = 18

2) GCF = 3

LCM = 33

Product = 99

B) 1) The GCF of two numbers is 9 and their LCM is 12. What is their product?

a) 105

b) 121

c) 100

d) 108

2) What is the LCM of two numbers whose product is 192 and the GCF is 8?

a) 100

b) 24

c) 120

d) 16

3) If the LCM of two numbers is 45 and their product is 225, what is their GCF?

a) 5

b) 9

c) 2

d) 6

C) The LCM of two numbers is 42 and their GCF is 7. If one of the numbers is 14, what is the other number?

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Name : _____

GCF and LCM

Sheet 3

A) Find the GCF, LCM, or the product of two numbers.

1) Product = 45

LCM = 15

GCF = _____

2) Product = 160

GCF = 8

LCM = _____

B) 1) If the GCF of two numbers is 10 and their product is 240, what is their LCM?

a) 150

b) 80

c) 24

d) 42

2) The product of two numbers is 144 and their LCM is 36. What is their GCF?

a) 4

b) 2

c) 10

d) 12

3) What is the product of two numbers whose LCM is 9 and the GCF is 6?

a) 15

b) 45

c) 18

d) 54

C) The LCM of 10 and another number is 40 and their GCF is 2. What is the other number?

Name : _____

Answer Key

GCF and LCM

Sheet 3

A) Find the GCF, LCM, or the product of two numbers.

1) Product = 45

LCM = 15

GCF = 3

2) Product = 160

GCF = 8

LCM = 20

B) 1) If the GCF of two numbers is 10 and their product is 240, what is their LCM?

a) 150

b) 80

~~c) 24~~

d) 42

2) The product of two numbers is 144 and their LCM is 36. What is their GCF?

~~a) 4~~

b) 2

c) 10

d) 12

3) What is the product of two numbers whose LCM is 9 and the GCF is 6?

a) 15

b) 45

c) 18

~~d) 54~~

C) The LCM of 10 and another number is 40 and their GCF is 2. What is the other number?

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