

LCM, GCF and Prime Factor Tree

Name: _____

Date: _____

Factors

94, 86, 100, 72

Factors of 94 = _____

Factors of 86 = _____

Factors of 100 = _____

Factors of 72 = _____

LCM (Least Common Multiple)

1) 40 and 12 = LCM: _____

2) 36 and 48 = LCM: _____

3) 26 and 54 = LCM: _____

4) 50 and 70 = LCM: _____

GCF (Greatest Common Factor)

1) 81 and 9 = GCF: _____

2) 76 and 92 = GCF: _____

3) 42 and 86 = GCF: _____

4) 40 and 100 = GCF: _____

Draw the Prime Factor Tree and write all the prime factors

1) 91

2) 50

3) 100

Prime factors 91 = _____

Prime factors 50 = _____

Prime factors 100 = _____

LCM, GCF and Prime Factor Tree

Name: _____

Date: _____

Factors

94, 86, 100, 72

Factors of 94 = 1, 2, 47, 94

Factors of 86 = 1, 2, 43, 86

Factors of 100 = 1, 2, 5, 10

Factors of 72 = 1, 2, 4, 5, 10, 20, 25, 50, 100

LCM (Least Common Multiple)

1) 40 and 12 = LCM: 120

2) 36 and 48 = LCM: 144

3) 26 and 54 = LCM: 702

4) 50 and 70 = LCM: 350

GCF (Greatest Common Factor)

1) 81 and 9 = GCF: 9

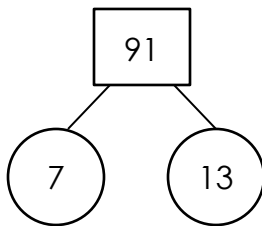
2) 76 and 92 = GCF: 4

3) 42 and 86 = GCF: 2

4) 40 and 100 = GCF: 20

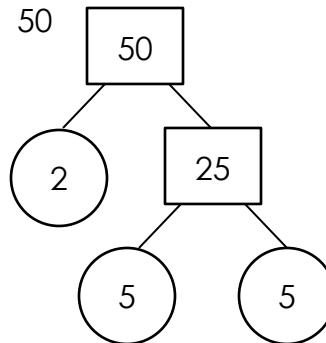
Draw the Prime Factor Tree and write all the prime factors

1) 91



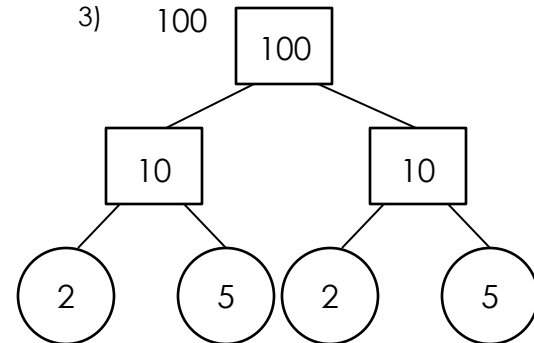
Prime factors 91 = 13 x 7

2) 50



Prime factors 50 = 5 x 5 x 2

3) 100



Prime factors 100 = 5 x 2 x 5 x 2