

LCM, GCF and Prime Factor Tree

Name: _____

Date: _____

Factors

4, 6, 10, 32

Factors of 4 = _____

Factors of 6 = _____

Factors of 10 = _____

Factors of 12 = _____

LCM (Least Common Multiple)

1) 9 and 12 = LCM: _____

2) 28 and 14 = LCM: _____

3) 15 and 30 = LCM: _____

4) 16 and 24 = LCM: _____

GCF (Greatest Common Factor)

1) 12 and 24 = GCF: _____

2) 4 and 8 = GCF: _____

3) 18 and 36 = GCF: _____

4) 25 and 45 = GCF: _____

Draw the Prime Factor Tree and write all the prime factors

1) 63

2) 24

3) 22

Prime factors 63 = _____

Prime factors 24 = _____

Prime factors 22 = _____

LCM, GCF and Prime Factor Tree

Name: _____

Date: _____

Factors

4, 6, 10, 32

Factors of 4 = 1, 2, 4

Factors of 6 = 1, 2, 3, 6

Factors of 10 = 1, 2, 5, 10

Factors of 12 = 1, 2, 3, 4, 6, 12

LCM (Least Common Multiple)

1) 9 and 12 = LCM: 36

2) 28 and 14 = LCM: 28

3) 15 and 30 = LCM: 30

4) 16 and 24 = LCM: 48

GCF (Greatest Common Factor)

1) 12 and 24 = GCF: 12

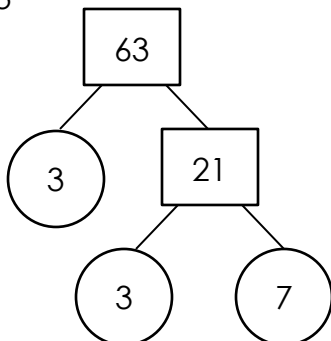
2) 4 and 8 = GCF: 4

3) 18 and 36 = GCF: 18

4) 25 and 45 = GCF: 5

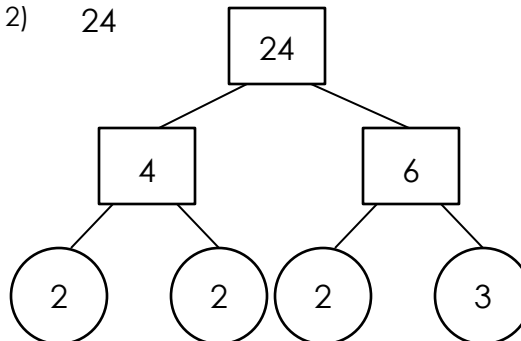
Draw the Prime Factor Tree and write all the prime factors

1) 63



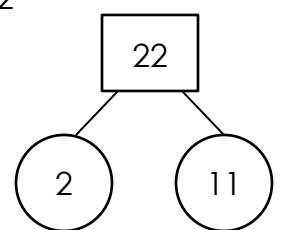
Prime factors 63 = $7 \times 3 \times 3$

2) 24



Prime factors 24 = $3 \times 2 \times 2 \times 2$

3) 22



Prime factors 22 = 11×2