

1.) 2.41×8.78

$$\begin{array}{r}
 2.41 \\
 \times 8.78 \\
 \hline
 175600 \\
 135120 \\
 \hline
 211598
 \end{array}$$

$$\begin{array}{r}
 878 - 2 \\
 241 - 2 \quad + 2 \\
 \hline
 7
 \end{array}$$

move 4 places

21.1598

2.) $34.85 - 29.9$

$$\begin{array}{r}
 34.85 \\
 - 29.90 \\
 \hline
 4.95
 \end{array}$$

4.95

3.) $27.44 \div 0.98$

$$\begin{array}{r}
 0.98 \overline{) 27.44} \\
 \underline{196} \\
 784 \\
 \underline{784} \\
 0
 \end{array}$$

28

28

4.) $84.49 + 56.208$

$$\begin{array}{r}
 84.490 \\
 + 56.208 \\
 \hline
 140.698
 \end{array}$$

140.698

Factors of 24 → 1, 2, 3, 4, 6, 8, 12, 24

$$\underline{3} * \underline{8} = 24$$

$$\underline{4} * \underline{6} = 24$$

$$\underline{2} * \underline{12} = 24$$

$$\underline{1} * \underline{24} = 24$$

Greatest Common

Factor (GCF) = 6

24, 30

24: 1, 2, 3, 4, 6, 8, 12, 24

30: 1, 2, 3, 5, 6, 10, 15, 30

Factors of 30

1, 2, 3, 5, 6, 10, 15, 30

$$\underline{1} * \underline{30} = 30$$

$$\underline{3} * \underline{10} = 30$$

$$\underline{6} * \underline{5} = 30$$

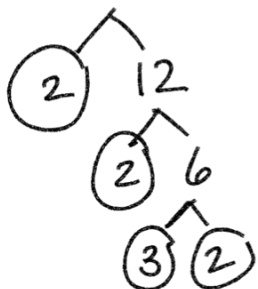
$$\underline{2} * \underline{15} = 30$$

Prime Factorization [Prime Number 2, 3, 5, 7, 11,

13, 17, 19, 23,

29, 31, 37...

$$24 : 3 \cdot 2 \cdot 2 \cdot 2$$



$$30 : 5 \cdot 3 \cdot 2$$

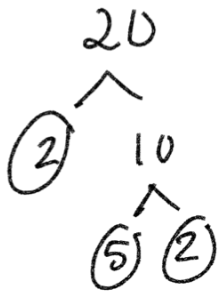


$$24 : 3 \cdot 2 \cdot 2 \cdot 2$$

$$30 : 5 \cdot 3 \cdot 2$$

$$3 \cdot 2 = 6$$

Find the GCF of 20 and 32

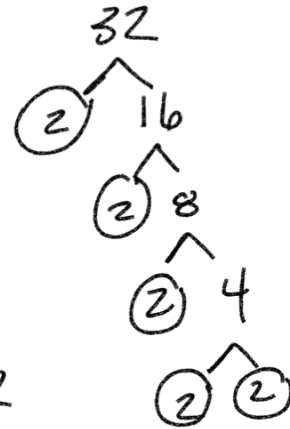


$$20 : 5 \cdot 2 \cdot 2$$

$$20 : 5 \cdot \cancel{2} \cdot \cancel{2}$$

$$32 : \cancel{2} \cdot \cancel{2} \cdot 2 \cdot 2 \cdot 2$$

$$2 \cdot 2 = \boxed{4}$$



$$32 : 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$$

Factors of 20

$$\underline{2} * \underline{10} = 20$$

$$\underline{4} * \underline{5} = 20$$

$$\underline{1} * \underline{20} = 20$$

1, 2, $\boxed{4}$, 5, 10, 20

Factors of 32

$$\underline{1} * \underline{32} = 32$$

$$\underline{4} * \underline{8} = 32$$

$$\underline{2} * \underline{16} = 32$$

1, 2, $\boxed{4}$, 8, 16, 32

Lowest / Least Common (LCM) Multiple

8, 10 LCM = $\boxed{40}$

8: 8, 16, 24, 32, 40, 48, 56, 64, ...

10: 10, 20, 30, 40, 50, 60, 70, ...

