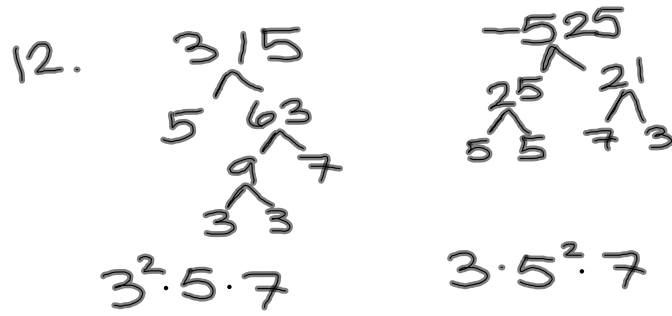


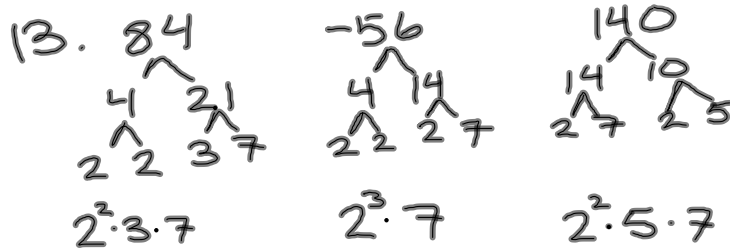
12, 14, 16, 13, 15



$3^2 \cdot 5 \cdot 7$        $3 \cdot 5^2 \cdot 7$

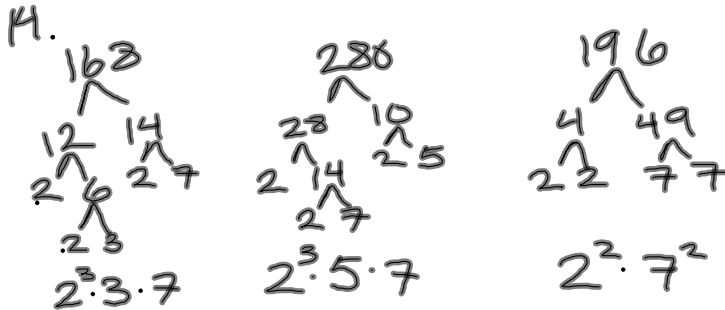
GCF:  $3 \cdot 5 \cdot 7 = 105$

$\frac{315}{105} = 3$        $\frac{525}{105} = 5$



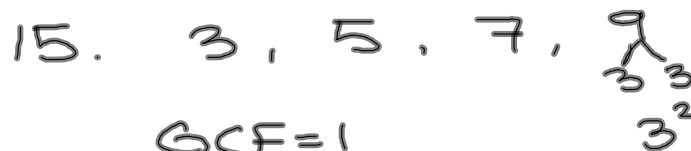
$2^2 \cdot 3 \cdot 7$        $2^3 \cdot 7$        $2^2 \cdot 5 \cdot 7$

GCF:  $2^2 \cdot 7 = 28$

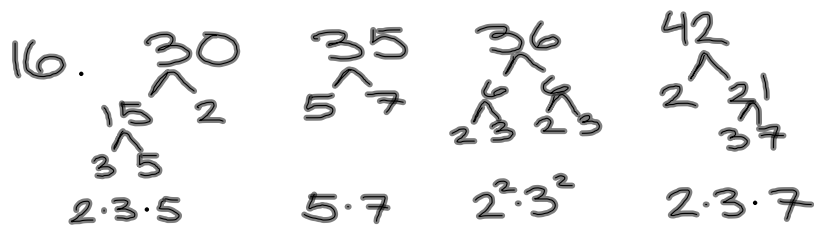


$2^3 \cdot 3 \cdot 7$        $2^3 \cdot 5 \cdot 7$        $2^2 \cdot 7^2$

GCF:  $2^2 \cdot 7 = 28$



GCF = 1



$2 \cdot 3 \cdot 5$        $5 \cdot 7$        $2^2 \cdot 3^2$        $2 \cdot 3 \cdot 7$

GCF = 1

Home work  
Assessment

12/15

11. -48 , 108 Find the GCF!

$$\begin{array}{r}
 48u^2v^2 \\
 \wedge \\
 4 \quad 12 \\
 \wedge \quad \wedge \\
 2 \quad 2 \quad 2 \quad 6 \\
 \quad \quad \quad \wedge \\
 \quad \quad \quad 2 \quad 3
 \end{array}
 \qquad
 \begin{array}{r}
 60uv^3w \\
 \wedge \\
 6 \quad 10 \\
 \wedge \quad \wedge \\
 2 \quad 3 \quad 2 \quad 5
 \end{array}$$

$$2^4 \cdot 3 \cdot u^2 \cdot v^2 \qquad 2^2 \cdot 3 \cdot 5 \cdot u \cdot v^3 \cdot w$$

$$\text{GCF: } 2^2 \cdot 3 \cdot u \cdot v^2$$

$$\begin{array}{ccc}
 32x^3y^3 & 120xy^4 & 42x^2y^3 \\
 \wedge & \wedge & \wedge \\
 8 & 12 & 21 \\
 \wedge & \wedge & \wedge \\
 4 & 6 & 7 \\
 \wedge & \wedge & \wedge \\
 2 & 2 & 3 \\
 2 & & \\
 2^5x^3y^3 & 2^3 \cdot 3 \cdot 5xy^4 & 2 \cdot 3 \cdot 7x^2y^3
 \end{array}$$

$$GCF: 2xy^3$$

$$132xy^3 \quad 44x^2 \quad 99xy^4$$

$$8ab^2c^3 \quad 16a^3b^2c$$