

① a) $\text{kgV}(12, 32, 48) = \boxed{}$

$$\begin{aligned}
 12 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 32 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 48 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(12,32,48) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

b) $\text{kgV}(18, 45, 60) = \boxed{}$

$$\begin{aligned}
 18 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 45 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 60 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(18,45,60) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

② a) $\text{kgV}(20, 36, 90) = \boxed{}$

$$\begin{aligned}
 20 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 36 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 90 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(20,36,90) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

b) $\text{kgV}(24, 40, 80) = \boxed{}$

$$\begin{aligned}
 24 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 40 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 80 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(24,40,80) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

③ a) $\text{kgV}(30, 50, 75) = \boxed{}$

$$\begin{aligned}
 30 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 50 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 75 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(30,50,75) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

b) $\text{kgV}(12, 32, 96) = \boxed{}$

$$\begin{aligned}
 12 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 32 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 96 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(12,32,96) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

④ a) $\text{kgV}(18, 48, 72) = \boxed{}$

$$\begin{aligned}
 18 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 48 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 72 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(18,48,72) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

b) $\text{kgV}(20, 60, 90) = \boxed{}$

$$\begin{aligned}
 20 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 60 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 90 &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \\
 \text{kgV}(20,60,90) &= \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{} \cdot \boxed{}
 \end{aligned}$$

① a) $\text{kgV}(12, 32, 48) = \boxed{96}$

$$12 = 2 \cdot 2 \cdot 3$$

$$32 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$$

$$48 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$$

$$\text{kgV}(12, 32, 48) = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$$

b) $\text{kgV}(18, 45, 60) = \boxed{180}$

$$18 = 2 \cdot 3 \cdot 3$$

$$45 = 3 \cdot 3 \cdot 5$$

$$60 = 2 \cdot 2 \cdot 3 \cdot 5$$

$$\text{kgV}(18, 45, 60) = 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5$$

② a) $\text{kgV}(20, 36, 90) = \boxed{180}$

$$20 = 2 \cdot 2 \cdot 5$$

$$36 = 2 \cdot 2 \cdot 3 \cdot 3$$

$$90 = 2 \cdot 3 \cdot 3 \cdot 5$$

$$\text{kgV}(20, 36, 90) = 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5$$

b) $\text{kgV}(24, 40, 80) = \boxed{240}$

$$24 = 2 \cdot 2 \cdot 2 \cdot 3$$

$$40 = 2 \cdot 2 \cdot 2 \cdot 5$$

$$80 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5$$

$$\text{kgV}(24, 40, 80) = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5$$

③ a) $\text{kgV}(30, 50, 75) = \boxed{150}$

$$30 = 2 \cdot 3 \cdot 5$$

$$50 = 2 \cdot 5 \cdot 5$$

$$75 = 3 \cdot 5 \cdot 5$$

$$\text{kgV}(30, 50, 75) = 2 \cdot 3 \cdot 5 \cdot 5$$

b) $\text{kgV}(12, 32, 96) = \boxed{96}$

$$12 = 2 \cdot 2 \cdot 3$$

$$32 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$$

$$96 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$$

$$\text{kgV}(12, 32, 96) = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$$

④ a) $\text{kgV}(18, 48, 72) = \boxed{144}$

$$18 = 2 \cdot 3 \cdot 3$$

$$48 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$$

$$72 = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3$$

$$\text{kgV}(18, 48, 72) = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3$$

b) $\text{kgV}(20, 60, 90) = \boxed{180}$

$$20 = 2 \cdot 2 \cdot 5$$

$$60 = 2 \cdot 2 \cdot 3 \cdot 5$$

$$90 = 2 \cdot 3 \cdot 3 \cdot 5$$

$$\text{kgV}(20, 60, 90) = 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5$$