

① a) $\text{kgV}(12, 36, 54) = \boxed{\quad}$

$$\begin{array}{l}
 12 = \square \cdot \square \cdot \square \\
 36 = \square \cdot \square \cdot \square \cdot \square \\
 54 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(12,36,54) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(18, 60, 90) = \boxed{\quad}$

$$\begin{array}{l}
 18 = \square \cdot \square \cdot \square \\
 60 = \square \cdot \square \cdot \square \cdot \square \\
 90 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(18,60,90) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

② a) $\text{kgV}(24, 42, 84) = \boxed{\quad}$

$$\begin{array}{l}
 24 = \square \cdot \square \cdot \square \cdot \square \\
 42 = \square \cdot \square \cdot \square \\
 84 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(24,42,84) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(30, 50, 100) = \boxed{\quad}$

$$\begin{array}{l}
 30 = \square \cdot \square \cdot \square \\
 50 = \square \cdot \square \cdot \square \\
 100 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(30,50,100) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

③ a) $\text{kgV}(12, 40, 60) = \boxed{\quad}$

$$\begin{array}{l}
 12 = \square \cdot \square \cdot \square \\
 40 = \square \cdot \square \cdot \square \cdot \square \\
 60 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(12,40,60) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(18, 54, 81) = \boxed{\quad}$

$$\begin{array}{l}
 18 = \square \cdot \square \cdot \square \\
 54 = \square \cdot \square \cdot \square \cdot \square \\
 81 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(18,54,81) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

④ a) $\text{kgV}(24, 36, 72) = \boxed{\quad}$

$$\begin{array}{l}
 24 = \square \cdot \square \cdot \square \cdot \square \\
 36 = \square \cdot \square \cdot \square \cdot \square \\
 72 = \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(24,36,72) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(30, 45, 90) = \boxed{\quad}$

$$\begin{array}{l}
 30 = \square \cdot \square \cdot \square \\
 45 = \square \cdot \square \cdot \square \\
 90 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(30,45,90) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

① a) $\text{kgV}(12, 36, 54) = \boxed{108}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ \text{kgV}(12,36,54) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(18, 60, 90) = \boxed{180}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(18,60,90) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

② a) $\text{kgV}(24, 42, 84) = \boxed{168}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 42 &= 2 \cdot 3 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(24,42,84) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(30, 50, 100) = \boxed{300}$

$$\begin{aligned} 30 &= 2 \cdot 3 \cdot 5 \\ 50 &= 2 \cdot 5 \cdot 5 \\ 100 &= 2 \cdot 2 \cdot 5 \cdot 5 \\ \text{kgV}(30,50,100) &= 2 \cdot 2 \cdot 3 \cdot 5 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(12, 40, 60) = \boxed{120}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(12,40,60) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(18, 54, 81) = \boxed{162}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ 81 &= 3 \cdot 3 \cdot 3 \cdot 3 \\ \text{kgV}(18,54,81) &= 2 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

④ a) $\text{kgV}(24, 36, 72) = \boxed{72}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(24,36,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(30, 45, 90) = \boxed{90}$

$$\begin{aligned} 30 &= 2 \cdot 3 \cdot 5 \\ 45 &= 3 \cdot 3 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(30,45,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$