

① a) $\text{kgV}(6, 21, 42) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 21 &= \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 \text{kgV}(6,21,42) &= \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(8, 36, 72) = \boxed{\quad}$

$$\begin{aligned}
 8 &= \square \cdot \square \cdot \square \\
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 72 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(8,36,72) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a) $\text{kgV}(9, 30, 90) = \boxed{\quad}$

$$\begin{aligned}
 9 &= \square \cdot \square \\
 30 &= \square \cdot \square \cdot \square \\
 90 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(9,30,90) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(10, 18, 45) = \boxed{\quad}$

$$\begin{aligned}
 10 &= \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 45 &= \square \cdot \square \cdot \square \\
 \text{kgV}(10,18,45) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

③ a) $\text{kgV}(12, 15, 20) = \boxed{\quad}$

$$\begin{aligned}
 12 &= \square \cdot \square \cdot \square \\
 15 &= \square \cdot \square \\
 20 &= \square \cdot \square \cdot \square \\
 \text{kgV}(12,15,20) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(24, 28, 84) = \boxed{\quad}$

$$\begin{aligned}
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 28 &= \square \cdot \square \cdot \square \\
 84 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(24,28,84) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a) $\text{kgV}(40, 48, 60) = \boxed{\quad}$

$$\begin{aligned}
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 48 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 60 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(40,48,60) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(44, 66, 99) = \boxed{\quad}$

$$\begin{aligned}
 44 &= \square \cdot \square \cdot \square \\
 66 &= \square \cdot \square \cdot \square \\
 99 &= \square \cdot \square \cdot \square \\
 \text{kgV}(44,66,99) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a) $\text{kgV}(6, 21, 42) = \boxed{42}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 21 &= 3 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(6,21,42) &= 2 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(8, 36, 72) = \boxed{72}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(8,36,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(9, 30, 90) = \boxed{90}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(9,30,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(10, 18, 45) = \boxed{90}$

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 45 &= 3 \cdot 3 \cdot 5 \\ \text{kgV}(10,18,45) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(12, 15, 20) = \boxed{60}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 15 &= 3 \cdot 5 \\ 20 &= 2 \cdot 2 \cdot 5 \\ \text{kgV}(12,15,20) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(24, 28, 84) = \boxed{168}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 28 &= 2 \cdot 2 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(24,28,84) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(40, 48, 60) = \boxed{240}$

$$\begin{aligned} 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 48 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(40,48,60) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(44, 66, 99) = \boxed{396}$

$$\begin{aligned} 44 &= 2 \cdot 2 \cdot 11 \\ 66 &= 2 \cdot 3 \cdot 11 \\ 99 &= 3 \cdot 3 \cdot 11 \\ \text{kgV}(44,66,99) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 11 \end{aligned}$$