

① a)  $\text{kgV}(6, 14, 21) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 14 &= \square \cdot \square \\
 21 &= \square \cdot \square \\
 \text{kgV}(6,14,21) &= \square \cdot \square \cdot \square
 \end{aligned}$$

b)  $\text{kgV}(8, 12, 72) = \boxed{\quad}$

$$\begin{aligned}
 8 &= \square \cdot \square \cdot \square \\
 12 &= \square \cdot \square \cdot \square \\
 72 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(8,12,72) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a)  $\text{kgV}(9, 10, 90) = \boxed{\quad}$

$$\begin{aligned}
 9 &= \square \cdot \square \\
 10 &= \square \cdot \square \\
 90 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(9,10,90) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b)  $\text{kgV}(15, 27, 45) = \boxed{\quad}$

$$\begin{aligned}
 15 &= \square \cdot \square \\
 27 &= \square \cdot \square \cdot \square \\
 45 &= \square \cdot \square \cdot \square \\
 \text{kgV}(15,27,45) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

③ a)  $\text{kgV}(16, 18, 48) = \boxed{\quad}$

$$\begin{aligned}
 16 &= \square \cdot \square \cdot \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 48 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(16,18,48) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b)  $\text{kgV}(20, 24, 60) = \boxed{\quad}$

$$\begin{aligned}
 20 &= \square \cdot \square \cdot \square \\
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 60 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(20,24,60) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a)  $\text{kgV}(28, 36, 63) = \boxed{\quad}$

$$\begin{aligned}
 28 &= \square \cdot \square \cdot \square \\
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 63 &= \square \cdot \square \cdot \square \\
 \text{kgV}(28,36,63) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b)  $\text{kgV}(30, 40, 80) = \boxed{\quad}$

$$\begin{aligned}
 30 &= \square \cdot \square \cdot \square \\
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 80 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(30,40,80) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a)  $\text{kgV}(6, 14, 21) = \boxed{42}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 14 &= 2 \cdot 7 \\ 21 &= 3 \cdot 7 \\ \text{kgV}(6,14,21) &= 2 \cdot 3 \cdot 7 \end{aligned}$$

b)  $\text{kgV}(8, 12, 72) = \boxed{72}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(8,12,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a)  $\text{kgV}(9, 10, 90) = \boxed{90}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 10 &= 2 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(9,10,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b)  $\text{kgV}(15, 27, 45) = \boxed{135}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 27 &= 3 \cdot 3 \cdot 3 \\ 45 &= 3 \cdot 3 \cdot 5 \\ \text{kgV}(15,27,45) &= 3 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

③ a)  $\text{kgV}(16, 18, 48) = \boxed{144}$

$$\begin{aligned} 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 48 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(16,18,48) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b)  $\text{kgV}(20, 24, 60) = \boxed{120}$

$$\begin{aligned} 20 &= 2 \cdot 2 \cdot 5 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(20,24,60) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

④ a)  $\text{kgV}(28, 36, 63) = \boxed{252}$

$$\begin{aligned} 28 &= 2 \cdot 2 \cdot 7 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 63 &= 3 \cdot 3 \cdot 7 \\ \text{kgV}(28,36,63) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$

b)  $\text{kgV}(30, 40, 80) = \boxed{240}$

$$\begin{aligned} 30 &= 2 \cdot 3 \cdot 5 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 80 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5 \\ \text{kgV}(30,40,80) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$