

① a) $\text{kgV}(6, 27, 54) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 27 &= \square \cdot \square \cdot \square \\
 54 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(6,27,54) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

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

$$\begin{aligned}
 10 &= \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 90 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(10,18,90) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a) $\text{kgV}(12, 15, 60) = \boxed{\quad}$

$$\begin{aligned}
 12 &= \square \cdot \square \cdot \square \\
 15 &= \square \cdot \square \\
 60 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(12,15,60) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(20, 30, 36) = \boxed{\quad}$

$$\begin{aligned}
 20 &= \square \cdot \square \cdot \square \\
 30 &= \square \cdot \square \cdot \square \\
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(20,30,36) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

③ a) $\text{kgV}(24, 28, 42) = \boxed{\quad}$

$$\begin{aligned}
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 28 &= \square \cdot \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 \text{kgV}(24,28,42) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(40, 45, 72) = \boxed{\quad}$

$$\begin{aligned}
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 45 &= \square \cdot \square \cdot \square \\
 72 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(40,45,72) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a) $\text{kgV}(48, 56, 84) = \boxed{\quad}$

$$\begin{aligned}
 48 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 56 &= \square \cdot \square \cdot \square \cdot \square \\
 84 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(48,56,84) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(49, 70, 98) = \boxed{\quad}$

$$\begin{aligned}
 49 &= \square \cdot \square \\
 70 &= \square \cdot \square \cdot \square \\
 98 &= \square \cdot \square \cdot \square \\
 \text{kgV}(49,70,98) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a) $\text{kgV}(6, 27, 54) = \boxed{54}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 27 &= 3 \cdot 3 \cdot 3 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ \text{kgV}(6,27,54) &= 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

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

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(10,18,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

② a) $\text{kgV}(12, 15, 60) = \boxed{60}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 15 &= 3 \cdot 5 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(12,15,60) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(20, 30, 36) = \boxed{180}$

$$\begin{aligned} 20 &= 2 \cdot 2 \cdot 5 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(20,30,36) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(24, 28, 42) = \boxed{168}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 28 &= 2 \cdot 2 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(24,28,42) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(40, 45, 72) = \boxed{360}$

$$\begin{aligned} 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 45 &= 3 \cdot 3 \cdot 5 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(40,45,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

④ a) $\text{kgV}(48, 56, 84) = \boxed{336}$

$$\begin{aligned} 48 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ 56 &= 2 \cdot 2 \cdot 2 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(48,56,84) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(49, 70, 98) = \boxed{490}$

$$\begin{aligned} 49 &= 7 \cdot 7 \\ 70 &= 2 \cdot 5 \cdot 7 \\ 98 &= 2 \cdot 7 \cdot 7 \\ \text{kgV}(49,70,98) &= 2 \cdot 5 \cdot 7 \cdot 7 \end{aligned}$$