

① a) $\text{kgV}(4, 10, 40) = \boxed{\quad}$

$$\begin{aligned}
 4 &= \square \cdot \square \\
 10 &= \square \cdot \square \\
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(4,10,40) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(6, 9, 36) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 9 &= \square \cdot \square \\
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(6,9,36) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a) $\text{kgV}(8, 12, 16) = \boxed{\quad}$

$$\begin{aligned}
 8 &= \square \cdot \square \cdot \square \\
 12 &= \square \cdot \square \cdot \square \\
 16 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(8,12,16) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(14, 20, 70) = \boxed{\quad}$

$$\begin{aligned}
 14 &= \square \cdot \square \\
 20 &= \square \cdot \square \cdot \square \\
 70 &= \square \cdot \square \cdot \square \\
 \text{kgV}(14,20,70) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

③ a) $\text{kgV}(15, 18, 90) = \boxed{\quad}$

$$\begin{aligned}
 15 &= \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 90 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(15,18,90) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(21, 24, 28) = \boxed{\quad}$

$$\begin{aligned}
 21 &= \square \cdot \square \\
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 28 &= \square \cdot \square \cdot \square \\
 \text{kgV}(21,24,28) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a) $\text{kgV}(27, 54, 72) = \boxed{\quad}$

$$\begin{aligned}
 27 &= \square \cdot \square \cdot \square \\
 54 &= \square \cdot \square \cdot \square \cdot \square \\
 72 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(27,54,72) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(30, 35, 42) = \boxed{\quad}$

$$\begin{aligned}
 30 &= \square \cdot \square \cdot \square \\
 35 &= \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 \text{kgV}(30,35,42) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a) $\text{kgV}(4, 10, 40) = \boxed{40}$

$$\begin{aligned} 4 &= 2 \cdot 2 \\ 10 &= 2 \cdot 5 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ \text{kgV}(4,10,40) &= 2 \cdot 2 \cdot 2 \cdot 5 \end{aligned}$$

b) $\text{kgV}(6, 9, 36) = \boxed{36}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 9 &= 3 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(6,9,36) &= 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(8, 12, 16) = \boxed{48}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ \text{kgV}(8,12,16) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

b) $\text{kgV}(14, 20, 70) = \boxed{140}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(14,20,70) &= 2 \cdot 2 \cdot 5 \cdot 7 \end{aligned}$$

③ a) $\text{kgV}(15, 18, 90) = \boxed{90}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(15,18,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(21, 24, 28) = \boxed{168}$

$$\begin{aligned} 21 &= 3 \cdot 7 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 28 &= 2 \cdot 2 \cdot 7 \\ \text{kgV}(21,24,28) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(27, 54, 72) = \boxed{216}$

$$\begin{aligned} 27 &= 3 \cdot 3 \cdot 3 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(27,54,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(30, 35, 42) = \boxed{210}$

$$\begin{aligned} 30 &= 2 \cdot 3 \cdot 5 \\ 35 &= 5 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(30,35,42) &= 2 \cdot 3 \cdot 5 \cdot 7 \end{aligned}$$