

① a) $\text{kgV}(6, 12, 16) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 12 &= \square \cdot \square \cdot \square \\
 16 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(6,12,16) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(8, 10, 80) = \boxed{\quad}$

$$\begin{aligned}
 8 &= \square \cdot \square \cdot \square \\
 10 &= \square \cdot \square \\
 80 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(8,10,80) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a) $\text{kgV}(9, 15, 90) = \boxed{\quad}$

$$\begin{aligned}
 9 &= \square \cdot \square \\
 15 &= \square \cdot \square \\
 90 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(9,15,90) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(14, 42, 63) = \boxed{\quad}$

$$\begin{aligned}
 14 &= \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 63 &= \square \cdot \square \cdot \square \\
 \text{kgV}(14,42,63) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

③ a) $\text{kgV}(18, 20, 36) = \boxed{\quad}$

$$\begin{aligned}
 18 &= \square \cdot \square \cdot \square \\
 20 &= \square \cdot \square \cdot \square \\
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(18,20,36) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(21, 30, 35) = \boxed{\quad}$

$$\begin{aligned}
 21 &= \square \cdot \square \\
 30 &= \square \cdot \square \cdot \square \\
 35 &= \square \cdot \square \\
 \text{kgV}(21,30,35) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a) $\text{kgV}(24, 27, 54) = \boxed{\quad}$

$$\begin{aligned}
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 27 &= \square \cdot \square \cdot \square \\
 54 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(24,27,54) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(28, 40, 56) = \boxed{\quad}$

$$\begin{aligned}
 28 &= \square \cdot \square \cdot \square \\
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 56 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(28,40,56) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a) $\text{kgV}(6, 12, 16) = \boxed{48}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ \text{kgV}(6,12,16) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

b) $\text{kgV}(8, 10, 80) = \boxed{80}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 10 &= 2 \cdot 5 \\ 80 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5 \\ \text{kgV}(8,10,80) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5 \end{aligned}$$

② a) $\text{kgV}(9, 15, 90) = \boxed{90}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 15 &= 3 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(9,15,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(14, 42, 63) = \boxed{126}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ 63 &= 3 \cdot 3 \cdot 7 \\ \text{kgV}(14,42,63) &= 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$

③ a) $\text{kgV}(18, 20, 36) = \boxed{180}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(18,20,36) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(21, 30, 35) = \boxed{210}$

$$\begin{aligned} 21 &= 3 \cdot 7 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 35 &= 5 \cdot 7 \\ \text{kgV}(21,30,35) &= 2 \cdot 3 \cdot 5 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(24, 27, 54) = \boxed{216}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 27 &= 3 \cdot 3 \cdot 3 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ \text{kgV}(24,27,54) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(28, 40, 56) = \boxed{280}$

$$\begin{aligned} 28 &= 2 \cdot 2 \cdot 7 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 56 &= 2 \cdot 2 \cdot 2 \cdot 7 \\ \text{kgV}(28,40,56) &= 2 \cdot 2 \cdot 2 \cdot 5 \cdot 7 \end{aligned}$$