

① a) $\text{kgV}(6, 16, 24) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 16 &= \square \cdot \square \cdot \square \cdot \square \\
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(6,16,24) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(8, 18, 72) = \boxed{\quad}$

$$\begin{aligned}
 8 &= \square \cdot \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 72 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(8,18,72) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a) $\text{kgV}(9, 30, 45) = \boxed{\quad}$

$$\begin{aligned}
 9 &= \square \cdot \square \\
 30 &= \square \cdot \square \cdot \square \\
 45 &= \square \cdot \square \cdot \square \\
 \text{kgV}(9,30,45) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(10, 15, 60) = \boxed{\quad}$

$$\begin{aligned}
 10 &= \square \cdot \square \\
 15 &= \square \cdot \square \\
 60 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(10,15,60) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

③ a) $\text{kgV}(12, 14, 84) = \boxed{\quad}$

$$\begin{aligned}
 12 &= \square \cdot \square \cdot \square \\
 14 &= \square \cdot \square \\
 84 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(12,14,84) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(20, 28, 70) = \boxed{\quad}$

$$\begin{aligned}
 20 &= \square \cdot \square \cdot \square \\
 28 &= \square \cdot \square \cdot \square \\
 70 &= \square \cdot \square \cdot \square \\
 \text{kgV}(20,28,70) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a) $\text{kgV}(35, 40, 56) = \boxed{\quad}$

$$\begin{aligned}
 35 &= \square \cdot \square \\
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 56 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(35,40,56) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(36, 42, 63) = \boxed{\quad}$

$$\begin{aligned}
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 63 &= \square \cdot \square \cdot \square \\
 \text{kgV}(36,42,63) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a) $\text{kgV}(6, 16, 24) = \boxed{48}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(6,16,24) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

b) $\text{kgV}(8, 18, 72) = \boxed{72}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(8,18,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(9, 30, 45) = \boxed{90}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 45 &= 3 \cdot 3 \cdot 5 \\ \text{kgV}(9,30,45) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(10, 15, 60) = \boxed{60}$

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 15 &= 3 \cdot 5 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(10,15,60) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(12, 14, 84) = \boxed{84}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 14 &= 2 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(12,14,84) &= 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(20, 28, 70) = \boxed{140}$

$$\begin{aligned} 20 &= 2 \cdot 2 \cdot 5 \\ 28 &= 2 \cdot 2 \cdot 7 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(20,28,70) &= 2 \cdot 2 \cdot 5 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(35, 40, 56) = \boxed{280}$

$$\begin{aligned} 35 &= 5 \cdot 7 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 56 &= 2 \cdot 2 \cdot 2 \cdot 7 \\ \text{kgV}(35,40,56) &= 2 \cdot 2 \cdot 2 \cdot 5 \cdot 7 \end{aligned}$$

b) $\text{kgV}(36, 42, 63) = \boxed{252}$

$$\begin{aligned} 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 42 &= 2 \cdot 3 \cdot 7 \\ 63 &= 3 \cdot 3 \cdot 7 \\ \text{kgV}(36,42,63) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$