

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

$$\begin{aligned} 6 &= \square \cdot \square \\ 14 &= \square \cdot \square \\ 42 &= \square \cdot \square \cdot \square \\ \text{kgV}(6,14,42) &= \square \cdot \square \cdot \square \end{aligned}$$

b) $\text{kgV}(8, 16, 24) = \boxed{\quad}$

$$\begin{aligned} 8 &= \square \cdot \square \cdot \square \\ 16 &= \square \cdot \square \cdot \square \cdot \square \\ 24 &= \square \cdot \square \cdot \square \cdot \square \\ \text{kgV}(8,16,24) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \end{aligned}$$

② a) $\text{kgV}(9, 12, 36) = \boxed{\quad}$

$$\begin{aligned} 9 &= \square \cdot \square \\ 12 &= \square \cdot \square \cdot \square \\ 36 &= \square \cdot \square \cdot \square \cdot \square \\ \text{kgV}(9,12,36) &= \square \cdot \square \cdot \square \cdot \square \end{aligned}$$

b) $\text{kgV}(10, 15, 45) = \boxed{\quad}$

$$\begin{aligned} 10 &= \square \cdot \square \\ 15 &= \square \cdot \square \\ 45 &= \square \cdot \square \cdot \square \\ \text{kgV}(10,15,45) &= \square \cdot \square \cdot \square \cdot \square \end{aligned}$$

③ a) $\text{kgV}(18, 20, 60) = \boxed{\quad}$

$$\begin{aligned} 18 &= \square \cdot \square \cdot \square \\ 20 &= \square \cdot \square \cdot \square \\ 60 &= \square \cdot \square \cdot \square \cdot \square \\ \text{kgV}(18,20,60) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \end{aligned}$$

b) $\text{kgV}(21, 56, 84) = \boxed{\quad}$

$$\begin{aligned} 21 &= \square \cdot \square \\ 56 &= \square \cdot \square \cdot \square \cdot \square \\ 84 &= \square \cdot \square \cdot \square \cdot \square \\ \text{kgV}(21,56,84) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \end{aligned}$$

④ a) $\text{kgV}(28, 40, 70) = \boxed{\quad}$

$$\begin{aligned} 28 &= \square \cdot \square \cdot \square \\ 40 &= \square \cdot \square \cdot \square \cdot \square \\ 70 &= \square \cdot \square \cdot \square \\ \text{kgV}(28,40,70) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \end{aligned}$$

b) $\text{kgV}(30, 48, 80) = \boxed{\quad}$

$$\begin{aligned} 30 &= \square \cdot \square \cdot \square \\ 48 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\ 80 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\ \text{kgV}(30,48,80) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square \end{aligned}$$

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

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 14 &= 2 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(6,14,42) &= 2 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(8, 16, 24) = \boxed{48}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(8,16,24) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(9, 12, 36) = \boxed{36}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(9,12,36) &= 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(10, 15, 45) = \boxed{90}$

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 15 &= 3 \cdot 5 \\ 45 &= 3 \cdot 3 \cdot 5 \\ \text{kgV}(10,15,45) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(18, 20, 60) = \boxed{180}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(18,20,60) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(21, 56, 84) = \boxed{168}$

$$\begin{aligned} 21 &= 3 \cdot 7 \\ 56 &= 2 \cdot 2 \cdot 2 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(21,56,84) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(28, 40, 70) = \boxed{280}$

$$\begin{aligned} 28 &= 2 \cdot 2 \cdot 7 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(28,40,70) &= 2 \cdot 2 \cdot 2 \cdot 5 \cdot 7 \end{aligned}$$

b) $\text{kgV}(30, 48, 80) = \boxed{240}$

$$\begin{aligned} 30 &= 2 \cdot 3 \cdot 5 \\ 48 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ 80 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5 \\ \text{kgV}(30,48,80) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$