

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

$$\begin{aligned}
 6 &= \square \cdot \square \\
 16 &= \square \cdot \square \cdot \square \\
 48 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(6,16,48) &= \square \cdot \square \cdot \square
 \end{aligned}$$

b)  $\text{kgV}(8, 20, 40) = \boxed{\quad}$

$$\begin{aligned}
 8 &= \square \cdot \square \cdot \square \\
 20 &= \square \cdot \square \cdot \square \\
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(8,20,40) &= \square \cdot \square \cdot \square
 \end{aligned}$$

② a)  $\text{kgV}(9, 18, 27) = \boxed{\quad}$

$$\begin{aligned}
 9 &= \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 27 &= \square \cdot \square \cdot \square \\
 \text{kgV}(9,18,27) &= \square \cdot \square \cdot \square
 \end{aligned}$$

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

$$\begin{aligned}
 10 &= \square \cdot \square \\
 15 &= \square \cdot \square \\
 90 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(10,15,90) &= \square \cdot \square \cdot \square
 \end{aligned}$$

③ a)  $\text{kgV}(12, 21, 28) = \boxed{\quad}$

$$\begin{aligned}
 12 &= \square \cdot \square \cdot \square \\
 21 &= \square \cdot \square \cdot \square \\
 28 &= \square \cdot \square \cdot \square \\
 \text{kgV}(12,21,28) &= \square \cdot \square \cdot \square
 \end{aligned}$$

b)  $\text{kgV}(24, 30, 60) = \boxed{\quad}$

$$\begin{aligned}
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 30 &= \square \cdot \square \cdot \square \\
 60 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(24,30,60) &= \square \cdot \square \cdot \square
 \end{aligned}$$

④ a)  $\text{kgV}(35, 50, 70) = \boxed{\quad}$

$$\begin{aligned}
 35 &= \square \cdot \square \\
 50 &= \square \cdot \square \cdot \square \\
 70 &= \square \cdot \square \cdot \square \\
 \text{kgV}(35,50,70) &= \square \cdot \square \cdot \square
 \end{aligned}$$

b)  $\text{kgV}(36, 42, 84) = \boxed{\quad}$

$$\begin{aligned}
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 84 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(36,42,84) &= \square \cdot \square \cdot \square
 \end{aligned}$$

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

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 48 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(6,16,48) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

b)  $\text{kgV}(8, 20, 40) = \boxed{40}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ \text{kgV}(8,20,40) &= 2 \cdot 2 \cdot 2 \cdot 5 \end{aligned}$$

② a)  $\text{kgV}(9, 18, 27) = \boxed{54}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 27 &= 3 \cdot 3 \cdot 3 \\ \text{kgV}(9,18,27) &= 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

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

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 15 &= 3 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(10,15,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

③ a)  $\text{kgV}(12, 21, 28) = \boxed{84}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 21 &= 3 \cdot 7 \\ 28 &= 2 \cdot 2 \cdot 7 \\ \text{kgV}(12,21,28) &= 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

b)  $\text{kgV}(24, 30, 60) = \boxed{120}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(24,30,60) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

④ a)  $\text{kgV}(35, 50, 70) = \boxed{350}$

$$\begin{aligned} 35 &= 5 \cdot 7 \\ 50 &= 2 \cdot 5 \cdot 5 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(35,50,70) &= 2 \cdot 5 \cdot 5 \cdot 7 \end{aligned}$$

b)  $\text{kgV}(36, 42, 84) = \boxed{252}$

$$\begin{aligned} 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 42 &= 2 \cdot 3 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(36,42,84) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$