

① a) $\text{kgV}(6, 12, 30) = \boxed{\quad}$

$$\begin{array}{l}
 6 = \square \cdot \square \\
 12 = \square \cdot \square \cdot \square \\
 30 = \square \cdot \square \cdot \square \\
 \text{kgV}(6,12,30) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(8, 16, 20) = \boxed{\quad}$

$$\begin{array}{l}
 8 = \square \cdot \square \cdot \square \\
 16 = \square \cdot \square \cdot \square \cdot \square \\
 20 = \square \cdot \square \cdot \square \\
 \text{kgV}(8,16,20) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

② a) $\text{kgV}(9, 10, 45) = \boxed{\quad}$

$$\begin{array}{l}
 9 = \square \cdot \square \\
 10 = \square \cdot \square \\
 45 = \square \cdot \square \cdot \square \\
 \text{kgV}(9,10,45) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(14, 49, 98) = \boxed{\quad}$

$$\begin{array}{l}
 14 = \square \cdot \square \\
 49 = \square \cdot \square \\
 98 = \square \cdot \square \cdot \square \\
 \text{kgV}(14,49,98) = \square \cdot \square \cdot \square
 \end{array}$$

③ a) $\text{kgV}(15, 25, 75) = \boxed{\quad}$

$$\begin{array}{l}
 15 = \square \cdot \square \\
 25 = \square \cdot \square \\
 75 = \square \cdot \square \cdot \square \\
 \text{kgV}(15,25,75) = \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(18, 21, 42) = \boxed{\quad}$

$$\begin{array}{l}
 18 = \square \cdot \square \cdot \square \\
 21 = \square \cdot \square \\
 42 = \square \cdot \square \cdot \square \\
 \text{kgV}(18,21,42) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

④ a) $\text{kgV}(24, 28, 56) = \boxed{\quad}$

$$\begin{array}{l}
 24 = \square \cdot \square \cdot \square \cdot \square \\
 28 = \square \cdot \square \cdot \square \\
 56 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(24,28,56) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(35, 40, 70) = \boxed{\quad}$

$$\begin{array}{l}
 35 = \square \cdot \square \\
 40 = \square \cdot \square \cdot \square \cdot \square \\
 70 = \square \cdot \square \cdot \square \\
 \text{kgV}(35,40,70) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

① a) $\text{kgV}(6, 12, 30) = \boxed{60}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 30 &= 2 \cdot 3 \cdot 5 \\ \text{kgV}(6,12,30) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(8, 16, 20) = \boxed{80}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 20 &= 2 \cdot 2 \cdot 5 \\ \text{kgV}(8,16,20) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5 \end{aligned}$$

② a) $\text{kgV}(9, 10, 45) = \boxed{90}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 10 &= 2 \cdot 5 \\ 45 &= 3 \cdot 3 \cdot 5 \\ \text{kgV}(9,10,45) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(14, 49, 98) = \boxed{98}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 49 &= 7 \cdot 7 \\ 98 &= 2 \cdot 7 \cdot 7 \\ \text{kgV}(14,49,98) &= 2 \cdot 7 \cdot 7 \end{aligned}$$

③ a) $\text{kgV}(15, 25, 75) = \boxed{75}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 25 &= 5 \cdot 5 \\ 75 &= 3 \cdot 5 \cdot 5 \\ \text{kgV}(15,25,75) &= 3 \cdot 5 \cdot 5 \end{aligned}$$

b) $\text{kgV}(18, 21, 42) = \boxed{126}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 21 &= 3 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(18,21,42) &= 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(24, 28, 56) = \boxed{168}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 28 &= 2 \cdot 2 \cdot 7 \\ 56 &= 2 \cdot 2 \cdot 2 \cdot 7 \\ \text{kgV}(24,28,56) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(35, 40, 70) = \boxed{280}$

$$\begin{aligned} 35 &= 5 \cdot 7 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(35,40,70) &= 2 \cdot 2 \cdot 2 \cdot 5 \cdot 7 \end{aligned}$$