

① a) $\text{kgV}(6, 12, 18) = \boxed{\quad}$

$$\begin{array}{l}
 6 = \square \cdot \square \\
 12 = \square \cdot \square \cdot \square \\
 18 = \square \cdot \square \cdot \square \\
 \text{kgV}(6,12,18) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(8, 14, 28) = \boxed{\quad}$

$$\begin{array}{l}
 8 = \square \cdot \square \cdot \square \\
 14 = \square \cdot \square \\
 28 = \square \cdot \square \cdot \square \\
 \text{kgV}(8,14,28) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

② a) $\text{kgV}(9, 10, 30) = \boxed{\quad}$

$$\begin{array}{l}
 9 = \square \cdot \square \\
 10 = \square \cdot \square \\
 30 = \square \cdot \square \cdot \square \\
 \text{kgV}(9,10,30) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(15, 24, 60) = \boxed{\quad}$

$$\begin{array}{l}
 15 = \square \cdot \square \\
 24 = \square \cdot \square \cdot \square \cdot \square \\
 60 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(15,24,60) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

③ a) $\text{kgV}(16, 36, 72) = \boxed{\quad}$

$$\begin{array}{l}
 16 = \square \cdot \square \cdot \square \cdot \square \\
 36 = \square \cdot \square \cdot \square \cdot \square \\
 72 = \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(16,36,72) = \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(20, 25, 100) = \boxed{\quad}$

$$\begin{array}{l}
 20 = \square \cdot \square \cdot \square \\
 25 = \square \cdot \square \\
 100 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(20,25,100) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

④ a) $\text{kgV}(21, 42, 70) = \boxed{\quad}$

$$\begin{array}{l}
 21 = \square \cdot \square \\
 42 = \square \cdot \square \cdot \square \\
 70 = \square \cdot \square \cdot \square \\
 \text{kgV}(21,42,70) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(34, 68, 85) = \boxed{\quad}$

$$\begin{array}{l}
 34 = \square \cdot \square \\
 68 = \square \cdot \square \cdot \square \\
 85 = \square \cdot \square \\
 \text{kgV}(34,68,85) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

① a) $\text{kgV}(6, 12, 18) = \boxed{36}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 18 &= 2 \cdot 3 \cdot 3 \\ \text{kgV}(6,12,18) &= 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(8, 14, 28) = \boxed{56}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 14 &= 2 \cdot 7 \\ 28 &= 2 \cdot 2 \cdot 7 \\ \text{kgV}(8,14,28) &= 2 \cdot 2 \cdot 2 \cdot 7 \end{aligned}$$

② a) $\text{kgV}(9, 10, 30) = \boxed{90}$

$$\begin{aligned} 9 &= 3 \cdot 3 \\ 10 &= 2 \cdot 5 \\ 30 &= 2 \cdot 3 \cdot 5 \\ \text{kgV}(9,10,30) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(15, 24, 60) = \boxed{120}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ \text{kgV}(15,24,60) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(16, 36, 72) = \boxed{144}$

$$\begin{aligned} 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(16,36,72) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(20, 25, 100) = \boxed{100}$

$$\begin{aligned} 20 &= 2 \cdot 2 \cdot 5 \\ 25 &= 5 \cdot 5 \\ 100 &= 2 \cdot 2 \cdot 5 \cdot 5 \\ \text{kgV}(20,25,100) &= 2 \cdot 2 \cdot 5 \cdot 5 \end{aligned}$$

④ a) $\text{kgV}(21, 42, 70) = \boxed{210}$

$$\begin{aligned} 21 &= 3 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(21,42,70) &= 2 \cdot 3 \cdot 5 \cdot 7 \end{aligned}$$

b) $\text{kgV}(34, 68, 85) = \boxed{340}$

$$\begin{aligned} 34 &= 2 \cdot 17 \\ 68 &= 2 \cdot 2 \cdot 17 \\ 85 &= 5 \cdot 17 \\ \text{kgV}(34,68,85) &= 2 \cdot 2 \cdot 5 \cdot 17 \end{aligned}$$