

① a) $\text{kgV}(12, 20, 24) = \boxed{\quad}$

$$\begin{array}{l}
 12 = \square \cdot \square \cdot \square \\
 20 = \square \cdot \square \cdot \square \\
 24 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(12,20,24) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(18, 27, 36) = \boxed{\quad}$

$$\begin{array}{l}
 18 = \square \cdot \square \cdot \square \\
 27 = \square \cdot \square \cdot \square \\
 36 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(18,27,36) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

② a) $\text{kgV}(30, 40, 48) = \boxed{\quad}$

$$\begin{array}{l}
 30 = \square \cdot \square \cdot \square \\
 40 = \square \cdot \square \cdot \square \cdot \square \\
 48 = \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(30,40,48) = \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(45, 54, 90) = \boxed{\quad}$

$$\begin{array}{l}
 45 = \square \cdot \square \cdot \square \\
 54 = \square \cdot \square \cdot \square \cdot \square \\
 90 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(45,54,90) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

③ a) $\text{kgV}(50, 60, 100) = \boxed{\quad}$

$$\begin{array}{l}
 50 = \square \cdot \square \cdot \square \\
 60 = \square \cdot \square \cdot \square \cdot \square \\
 100 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(50,60,100) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(12, 20, 30) = \boxed{\quad}$

$$\begin{array}{l}
 12 = \square \cdot \square \cdot \square \\
 20 = \square \cdot \square \cdot \square \\
 30 = \square \cdot \square \cdot \square \\
 \text{kgV}(12,20,30) = \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

④ a) $\text{kgV}(18, 24, 72) = \boxed{\quad}$

$$\begin{array}{l}
 18 = \square \cdot \square \cdot \square \\
 24 = \square \cdot \square \cdot \square \cdot \square \\
 72 = \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(18,24,72) = \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

b) $\text{kgV}(36, 40, 90) = \boxed{\quad}$

$$\begin{array}{l}
 36 = \square \cdot \square \cdot \square \cdot \square \\
 40 = \square \cdot \square \cdot \square \cdot \square \\
 90 = \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(36,40,90) = \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{array}$$

① a) $\text{kgV}(12, 20, 24) = \boxed{120}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(12,20,24) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(18, 27, 36) = \boxed{108}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 27 &= 3 \cdot 3 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(18,27,36) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(30, 40, 48) = \boxed{240}$

$$\begin{aligned} 30 &= 2 \cdot 3 \cdot 5 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 48 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(30,40,48) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(45, 54, 90) = \boxed{270}$

$$\begin{aligned} 45 &= 3 \cdot 3 \cdot 5 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(45,54,90) &= 2 \cdot 3 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(50, 60, 100) = \boxed{300}$

$$\begin{aligned} 50 &= 2 \cdot 5 \cdot 5 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ 100 &= 2 \cdot 2 \cdot 5 \cdot 5 \\ \text{kgV}(50,60,100) &= 2 \cdot 2 \cdot 3 \cdot 5 \cdot 5 \end{aligned}$$

b) $\text{kgV}(12, 20, 30) = \boxed{60}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 30 &= 2 \cdot 3 \cdot 5 \\ \text{kgV}(12,20,30) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

④ a) $\text{kgV}(18, 24, 72) = \boxed{72}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(18,24,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(36, 40, 90) = \boxed{360}$

$$\begin{aligned} 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(36,40,90) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$