

① a) $\text{kgV}(4, 8, 20) = \boxed{\quad}$

$$\begin{aligned}
 4 &= \square \cdot \square \\
 8 &= \square \cdot \square \cdot \square \\
 20 &= \square \cdot \square \cdot \square \\
 \text{kgV}(4,8,20) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(6, 9, 27) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 9 &= \square \cdot \square \\
 27 &= \square \cdot \square \cdot \square \\
 \text{kgV}(6,9,27) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a) $\text{kgV}(10, 12, 30) = \boxed{\quad}$

$$\begin{aligned}
 10 &= \square \cdot \square \\
 12 &= \square \cdot \square \cdot \square \\
 30 &= \square \cdot \square \cdot \square \\
 \text{kgV}(10,12,30) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(14, 18, 42) = \boxed{\quad}$

$$\begin{aligned}
 14 &= \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 \text{kgV}(14,18,42) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

③ a) $\text{kgV}(15, 21, 35) = \boxed{\quad}$

$$\begin{aligned}
 15 &= \square \cdot \square \\
 21 &= \square \cdot \square \\
 35 &= \square \cdot \square \\
 \text{kgV}(15,21,35) &= \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(16, 24, 72) = \boxed{\quad}$

$$\begin{aligned}
 16 &= \square \cdot \square \cdot \square \cdot \square \\
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 72 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(16,24,72) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a) $\text{kgV}(26, 52, 78) = \boxed{\quad}$

$$\begin{aligned}
 26 &= \square \cdot \square \\
 52 &= \square \cdot \square \cdot \square \\
 78 &= \square \cdot \square \cdot \square \\
 \text{kgV}(26,52,78) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(28, 32, 56) = \boxed{\quad}$

$$\begin{aligned}
 28 &= \square \cdot \square \cdot \square \\
 32 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 56 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(28,32,56) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a) $\text{kgV}(4, 8, 20) = \boxed{40}$

$$\begin{aligned} 4 &= 2 \cdot 2 \\ 8 &= 2 \cdot 2 \cdot 2 \\ 20 &= 2 \cdot 2 \cdot 5 \\ \text{kgV}(4,8,20) &= 2 \cdot 2 \cdot 2 \cdot 5 \end{aligned}$$

b) $\text{kgV}(6, 9, 27) = \boxed{54}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 9 &= 3 \cdot 3 \\ 27 &= 3 \cdot 3 \cdot 3 \\ \text{kgV}(6,9,27) &= 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(10, 12, 30) = \boxed{60}$

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 30 &= 2 \cdot 3 \cdot 5 \\ \text{kgV}(10,12,30) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(14, 18, 42) = \boxed{126}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(14,18,42) &= 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$

③ a) $\text{kgV}(15, 21, 35) = \boxed{105}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 21 &= 3 \cdot 7 \\ 35 &= 5 \cdot 7 \\ \text{kgV}(15,21,35) &= 3 \cdot 5 \cdot 7 \end{aligned}$$

b) $\text{kgV}(16, 24, 72) = \boxed{144}$

$$\begin{aligned} 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(16,24,72) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

④ a) $\text{kgV}(26, 52, 78) = \boxed{156}$

$$\begin{aligned} 26 &= 2 \cdot 13 \\ 52 &= 2 \cdot 2 \cdot 13 \\ 78 &= 2 \cdot 3 \cdot 13 \\ \text{kgV}(26,52,78) &= 2 \cdot 2 \cdot 3 \cdot 13 \end{aligned}$$

b) $\text{kgV}(28, 32, 56) = \boxed{224}$

$$\begin{aligned} 28 &= 2 \cdot 2 \cdot 7 \\ 32 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \\ 56 &= 2 \cdot 2 \cdot 2 \cdot 7 \\ \text{kgV}(28,32,56) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 7 \end{aligned}$$