

① a) $\text{kgV}(4, 8, 10) = \boxed{\quad}$

$$4 = \square \cdot \square$$

$$8 = \square \cdot \square \cdot \square$$

$$10 = \square \cdot \square$$

$$\text{kgV}(4,8,10) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(6, 9, 12) = \boxed{\quad}$

$$6 = \square \cdot \square$$

$$9 = \square \cdot \square$$

$$12 = \square \cdot \square \cdot \square$$

$$\text{kgV}(6,9,12) = \square \cdot \square \cdot \square \cdot \square$$

② a) $\text{kgV}(14, 18, 21) = \boxed{\quad}$

$$14 = \square \cdot \square$$

$$18 = \square \cdot \square \cdot \square$$

$$21 = \square \cdot \square$$

$$\text{kgV}(14,18,21) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(15, 20, 40) = \boxed{\quad}$

$$15 = \square \cdot \square$$

$$20 = \square \cdot \square \cdot \square$$

$$40 = \square \cdot \square \cdot \square \cdot \square$$

$$\text{kgV}(15,20,40) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

③ a) $\text{kgV}(16, 24, 36) = \boxed{\quad}$

$$16 = \square \cdot \square \cdot \square \cdot \square$$

$$24 = \square \cdot \square \cdot \square \cdot \square$$

$$36 = \square \cdot \square \cdot \square \cdot \square$$

$$\text{kgV}(16,24,36) = \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(25, 30, 75) = \boxed{\quad}$

$$25 = \square \cdot \square$$

$$30 = \square \cdot \square \cdot \square$$

$$75 = \square \cdot \square \cdot \square$$

$$\text{kgV}(25,30,75) = \square \cdot \square \cdot \square \cdot \square$$

④ a) $\text{kgV}(26, 39, 78) = \boxed{\quad}$

$$26 = \square \cdot \square$$

$$39 = \square \cdot \square$$

$$78 = \square \cdot \square \cdot \square$$

$$\text{kgV}(26,39,78) = \square \cdot \square \cdot \square$$

b) $\text{kgV}(27, 45, 54) = \boxed{\quad}$

$$27 = \square \cdot \square \cdot \square$$

$$45 = \square \cdot \square \cdot \square$$

$$54 = \square \cdot \square \cdot \square \cdot \square$$

$$\text{kgV}(27,45,54) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

① a) $\text{kgV}(4, 8, 10) = \boxed{40}$

$$\begin{aligned} 4 &= 2 \cdot 2 \\ 8 &= 2 \cdot 2 \cdot 2 \\ 10 &= 2 \cdot 5 \\ \text{kgV}(4,8,10) &= 2 \cdot 2 \cdot 2 \cdot 5 \end{aligned}$$

b) $\text{kgV}(6, 9, 12) = \boxed{36}$

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 9 &= 3 \cdot 3 \\ 12 &= 2 \cdot 2 \cdot 3 \\ \text{kgV}(6,9,12) &= 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(14, 18, 21) = \boxed{126}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 21 &= 3 \cdot 7 \\ \text{kgV}(14,18,21) &= 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$

b) $\text{kgV}(15, 20, 40) = \boxed{120}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ \text{kgV}(15,20,40) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

③ a) $\text{kgV}(16, 24, 36) = \boxed{144}$

$$\begin{aligned} 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(16,24,36) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(25, 30, 75) = \boxed{150}$

$$\begin{aligned} 25 &= 5 \cdot 5 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 75 &= 3 \cdot 5 \cdot 5 \\ \text{kgV}(25,30,75) &= 2 \cdot 3 \cdot 5 \cdot 5 \end{aligned}$$

④ a) $\text{kgV}(26, 39, 78) = \boxed{78}$

$$\begin{aligned} 26 &= 2 \cdot 13 \\ 39 &= 3 \cdot 13 \\ 78 &= 2 \cdot 3 \cdot 13 \\ \text{kgV}(26,39,78) &= 2 \cdot 3 \cdot 13 \end{aligned}$$

b) $\text{kgV}(27, 45, 54) = \boxed{270}$

$$\begin{aligned} 27 &= 3 \cdot 3 \cdot 3 \\ 45 &= 3 \cdot 3 \cdot 5 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ \text{kgV}(27,45,54) &= 2 \cdot 3 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$