

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

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

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

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

$$\text{kgV}(4,10,40) = \square \cdot \square \cdot \square \cdot \square$$

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

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

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

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

$$\text{kgV}(6,9,36) = \square \cdot \square \cdot \square \cdot \square$$

② a)  $\text{kgV}(8, 12, 16) = \boxed{\quad}$

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

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

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

$$\text{kgV}(8,12,16) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

b)  $\text{kgV}(14, 20, 70) = \boxed{\quad}$

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

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

$$70 = \square \cdot \square \cdot \square$$

$$\text{kgV}(14,20,70) = \square \cdot \square \cdot \square \cdot \square$$

③ a)  $\text{kgV}(15, 18, 90) = \boxed{\quad}$

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

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

$$90 = \square \cdot \square \cdot \square \cdot \square$$

$$\text{kgV}(15,18,90) = \square \cdot \square \cdot \square \cdot \square$$

b)  $\text{kgV}(21, 24, 28) = \boxed{\quad}$

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

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

$$28 = \square \cdot \square \cdot \square$$

$$\text{kgV}(21,24,28) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

④ a)  $\text{kgV}(27, 54, 72) = \boxed{\quad}$

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

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

$$72 = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

$$\text{kgV}(27,54,72) = \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square$$

b)  $\text{kgV}(30, 35, 42) = \boxed{\quad}$

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

$$35 = \square \cdot \square$$

$$42 = \square \cdot \square \cdot \square$$

$$\text{kgV}(30,35,42) = \square \cdot \square \cdot \square \cdot \square$$

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

$$\begin{aligned} 4 &= 2 \cdot 2 \\ 10 &= 2 \cdot 5 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ \text{kgV}(4,10,40) &= 2 \cdot 2 \cdot 2 \cdot 5 \end{aligned}$$

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

$$\begin{aligned} 6 &= 2 \cdot 3 \\ 9 &= 3 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(6,9,36) &= 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a)  $\text{kgV}(8, 12, 16) = \boxed{48}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ \text{kgV}(8,12,16) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

b)  $\text{kgV}(14, 20, 70) = \boxed{140}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(14,20,70) &= 2 \cdot 2 \cdot 5 \cdot 7 \end{aligned}$$

③ a)  $\text{kgV}(15, 18, 90) = \boxed{90}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(15,18,90) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b)  $\text{kgV}(21, 24, 28) = \boxed{168}$

$$\begin{aligned} 21 &= 3 \cdot 7 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 28 &= 2 \cdot 2 \cdot 7 \\ \text{kgV}(21,24,28) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

④ a)  $\text{kgV}(27, 54, 72) = \boxed{216}$

$$\begin{aligned} 27 &= 3 \cdot 3 \cdot 3 \\ 54 &= 2 \cdot 3 \cdot 3 \cdot 3 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(27,54,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 3 \end{aligned}$$

b)  $\text{kgV}(30, 35, 42) = \boxed{210}$

$$\begin{aligned} 30 &= 2 \cdot 3 \cdot 5 \\ 35 &= 5 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(30,35,42) &= 2 \cdot 3 \cdot 5 \cdot 7 \end{aligned}$$