

① a) $\text{kgV}(4, 6, 36) = \boxed{\quad}$

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

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

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

$$\text{kgV}(4,6,36) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(8, 9, 24) = \boxed{\quad}$

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

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

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

$$\text{kgV}(8,9,24) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

② a) $\text{kgV}(10, 12, 20) = \boxed{\quad}$

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

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

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

$$\text{kgV}(10,12,20) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(14, 16, 56) = \boxed{\quad}$

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

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

$$56 = \square \cdot \square \cdot \square \cdot \square$$

$$\text{kgV}(14,16,56) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

③ a) $\text{kgV}(15, 18, 45) = \boxed{\quad}$

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

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

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

$$\text{kgV}(15,18,45) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(21, 28, 84) = \boxed{\quad}$

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

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

$$84 = \square \cdot \square \cdot \square \cdot \square$$

$$\text{kgV}(21,28,84) = \square \cdot \square \cdot \square \cdot \square$$

④ a) $\text{kgV}(22, 66, 99) = \boxed{\quad}$

$$22 = \square \cdot \square$$

$$66 = \square \cdot \square \cdot \square$$

$$99 = \square \cdot \square \cdot \square$$

$$\text{kgV}(22,66,99) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(25, 30, 50) = \boxed{\quad}$

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

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

$$50 = \square \cdot \square \cdot \square$$

$$\text{kgV}(25,30,50) = \square \cdot \square \cdot \square \cdot \square$$

① a) $\text{kgV}(4, 6, 36) = \boxed{36}$

$$\begin{aligned} 4 &= 2 \cdot 2 \\ 6 &= 2 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(4,6,36) &= 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

b) $\text{kgV}(8, 9, 24) = \boxed{72}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 9 &= 3 \cdot 3 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(8,9,24) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(10, 12, 20) = \boxed{60}$

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 20 &= 2 \cdot 2 \cdot 5 \\ \text{kgV}(10,12,20) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(14, 16, 56) = \boxed{112}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 56 &= 2 \cdot 2 \cdot 2 \cdot 7 \\ \text{kgV}(14,16,56) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 7 \end{aligned}$$

③ a) $\text{kgV}(15, 18, 45) = \boxed{90}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 18 &= 2 \cdot 3 \cdot 3 \\ 45 &= 3 \cdot 3 \cdot 5 \\ \text{kgV}(15,18,45) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(21, 28, 84) = \boxed{84}$

$$\begin{aligned} 21 &= 3 \cdot 7 \\ 28 &= 2 \cdot 2 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(21,28,84) &= 2 \cdot 2 \cdot 3 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(22, 66, 99) = \boxed{198}$

$$\begin{aligned} 22 &= 2 \cdot 11 \\ 66 &= 2 \cdot 3 \cdot 11 \\ 99 &= 3 \cdot 3 \cdot 11 \\ \text{kgV}(22,66,99) &= 2 \cdot 3 \cdot 3 \cdot 11 \end{aligned}$$

b) $\text{kgV}(25, 30, 50) = \boxed{150}$

$$\begin{aligned} 25 &= 5 \cdot 5 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 50 &= 2 \cdot 5 \cdot 5 \\ \text{kgV}(25,30,50) &= 2 \cdot 3 \cdot 5 \cdot 5 \end{aligned}$$