

① a) $\text{kgV}(4, 6, 24) = \boxed{\quad}$

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

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

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

$$\text{kgV}(4,6,24) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(8, 9, 36) = \boxed{\quad}$

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

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

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

$$\text{kgV}(8,9,36) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

② a) $\text{kgV}(10, 12, 15) = \boxed{\quad}$

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

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

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

$$\text{kgV}(10,12,15) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(14, 16, 28) = \boxed{\quad}$

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

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

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

$$\text{kgV}(14,16,28) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

③ a) $\text{kgV}(18, 20, 30) = \boxed{\quad}$

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

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

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

$$\text{kgV}(18,20,30) = \square \cdot \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(21, 35, 42) = \boxed{\quad}$

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

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

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

$$\text{kgV}(21,35,42) = \square \cdot \square \cdot \square \cdot \square$$

④ a) $\text{kgV}(22, 44, 66) = \boxed{\quad}$

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

$$44 = \square \cdot \square \cdot \square$$

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

$$\text{kgV}(22,44,66) = \square \cdot \square \cdot \square \cdot \square$$

b) $\text{kgV}(25, 50, 75) = \boxed{\quad}$

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

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

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

$$\text{kgV}(25,50,75) = \square \cdot \square \cdot \square \cdot \square$$

① a) $\text{kgV}(4, 6, 24) = \boxed{24}$

$$\begin{aligned} 4 &= 2 \cdot 2 \\ 6 &= 2 \cdot 3 \\ 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(4,6,24) &= 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

b) $\text{kgV}(8, 9, 36) = \boxed{72}$

$$\begin{aligned} 8 &= 2 \cdot 2 \cdot 2 \\ 9 &= 3 \cdot 3 \\ 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(8,9,36) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \end{aligned}$$

② a) $\text{kgV}(10, 12, 15) = \boxed{60}$

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 12 &= 2 \cdot 2 \cdot 3 \\ 15 &= 3 \cdot 5 \\ \text{kgV}(10,12,15) &= 2 \cdot 2 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(14, 16, 28) = \boxed{112}$

$$\begin{aligned} 14 &= 2 \cdot 7 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 28 &= 2 \cdot 2 \cdot 7 \\ \text{kgV}(14,16,28) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 7 \end{aligned}$$

③ a) $\text{kgV}(18, 20, 30) = \boxed{180}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 30 &= 2 \cdot 3 \cdot 5 \\ \text{kgV}(18,20,30) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b) $\text{kgV}(21, 35, 42) = \boxed{210}$

$$\begin{aligned} 21 &= 3 \cdot 7 \\ 35 &= 5 \cdot 7 \\ 42 &= 2 \cdot 3 \cdot 7 \\ \text{kgV}(21,35,42) &= 2 \cdot 3 \cdot 5 \cdot 7 \end{aligned}$$

④ a) $\text{kgV}(22, 44, 66) = \boxed{132}$

$$\begin{aligned} 22 &= 2 \cdot 11 \\ 44 &= 2 \cdot 2 \cdot 11 \\ 66 &= 2 \cdot 3 \cdot 11 \\ \text{kgV}(22,44,66) &= 2 \cdot 2 \cdot 3 \cdot 11 \end{aligned}$$

b) $\text{kgV}(25, 50, 75) = \boxed{150}$

$$\begin{aligned} 25 &= 5 \cdot 5 \\ 50 &= 2 \cdot 5 \cdot 5 \\ 75 &= 3 \cdot 5 \cdot 5 \\ \text{kgV}(25,50,75) &= 2 \cdot 3 \cdot 5 \cdot 5 \end{aligned}$$