

① a) $\text{kgV}(4, 10, 20) = \boxed{\quad}$

$$\begin{aligned}
 4 &= \square \cdot \square \\
 10 &= \square \cdot \square \\
 20 &= \square \cdot \square \cdot \square \\
 \text{kgV}(4,10,20) &= \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(6, 8, 48) = \boxed{\quad}$

$$\begin{aligned}
 6 &= \square \cdot \square \\
 8 &= \square \cdot \square \cdot \square \\
 48 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(6,8,48) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

② a) $\text{kgV}(9, 12, 18) = \boxed{\quad}$

$$\begin{aligned}
 9 &= \square \cdot \square \\
 12 &= \square \cdot \square \cdot \square \\
 18 &= \square \cdot \square \cdot \square \\
 \text{kgV}(9,12,18) &= \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(14, 21, 42) = \boxed{\quad}$

$$\begin{aligned}
 14 &= \square \cdot \square \\
 21 &= \square \cdot \square \\
 42 &= \square \cdot \square \cdot \square \\
 \text{kgV}(14,21,42) &= \square \cdot \square \cdot \square
 \end{aligned}$$

③ a) $\text{kgV}(15, 24, 30) = \boxed{\quad}$

$$\begin{aligned}
 15 &= \square \cdot \square \\
 24 &= \square \cdot \square \cdot \square \cdot \square \\
 30 &= \square \cdot \square \cdot \square \\
 \text{kgV}(15,24,30) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(16, 32, 40) = \boxed{\quad}$

$$\begin{aligned}
 16 &= \square \cdot \square \cdot \square \cdot \square \\
 32 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 40 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(16,32,40) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

④ a) $\text{kgV}(27, 36, 72) = \boxed{\quad}$

$$\begin{aligned}
 27 &= \square \cdot \square \cdot \square \\
 36 &= \square \cdot \square \cdot \square \cdot \square \\
 72 &= \square \cdot \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(27,36,72) &= \square \cdot \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

b) $\text{kgV}(28, 35, 56) = \boxed{\quad}$

$$\begin{aligned}
 28 &= \square \cdot \square \cdot \square \\
 35 &= \square \cdot \square \\
 56 &= \square \cdot \square \cdot \square \cdot \square \\
 \text{kgV}(28,35,56) &= \square \cdot \square \cdot \square \cdot \square \cdot \square
 \end{aligned}$$

① a) $\text{kgV}(4, 10, 20) = \boxed{20}$

$$4 = 2 \cdot 2$$

$$10 = 2 \cdot 5$$

$$20 = 2 \cdot 2 \cdot 5$$

$$\text{kgV}(4,10,20) = 2 \cdot 2 \cdot 5$$

b) $\text{kgV}(6, 8, 48) = \boxed{48}$

$$6 = 2 \cdot 3$$

$$8 = 2 \cdot 2 \cdot 2$$

$$48 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$$

$$\text{kgV}(6,8,48) = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$$

② a) $\text{kgV}(9, 12, 18) = \boxed{36}$

$$9 = 3 \cdot 3$$

$$12 = 2 \cdot 2 \cdot 3$$

$$18 = 2 \cdot 3 \cdot 3$$

$$\text{kgV}(9,12,18) = 2 \cdot 2 \cdot 3 \cdot 3$$

b) $\text{kgV}(14, 21, 42) = \boxed{42}$

$$14 = 2 \cdot 7$$

$$21 = 3 \cdot 7$$

$$42 = 2 \cdot 3 \cdot 7$$

$$\text{kgV}(14,21,42) = 2 \cdot 3 \cdot 7$$

③ a) $\text{kgV}(15, 24, 30) = \boxed{120}$

$$15 = 3 \cdot 5$$

$$24 = 2 \cdot 2 \cdot 2 \cdot 3$$

$$30 = 2 \cdot 3 \cdot 5$$

$$\text{kgV}(15,24,30) = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 5$$

b) $\text{kgV}(16, 32, 40) = \boxed{160}$

$$16 = 2 \cdot 2 \cdot 2 \cdot 2$$

$$32 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$$

$$40 = 2 \cdot 2 \cdot 2 \cdot 5$$

$$\text{kgV}(16,32,40) = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5$$

④ a) $\text{kgV}(27, 36, 72) = \boxed{216}$

$$27 = 3 \cdot 3 \cdot 3$$

$$36 = 2 \cdot 2 \cdot 3 \cdot 3$$

$$72 = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3$$

$$\text{kgV}(27,36,72) = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 3$$

b) $\text{kgV}(28, 35, 56) = \boxed{280}$

$$28 = 2 \cdot 2 \cdot 7$$

$$35 = 5 \cdot 7$$

$$56 = 2 \cdot 2 \cdot 2 \cdot 7$$

$$\text{kgV}(28,35,56) = 2 \cdot 2 \cdot 2 \cdot 5 \cdot 7$$