

① a)  $\text{kgV}(10, 30, 45) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 10 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 30 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 45 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(10,30,45) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

b)  $\text{kgV}(12, 16, 48) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 12 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 16 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 48 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(12,16,48) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

② a)  $\text{kgV}(15, 50, 75) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 15 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 50 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 75 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(15,50,75) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

b)  $\text{kgV}(18, 20, 90) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 18 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 20 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 90 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(18,20,90) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

③ a)  $\text{kgV}(24, 32, 96) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 24 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 32 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 96 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(24,32,96) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

b)  $\text{kgV}(28, 63, 84) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 28 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 63 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 84 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(28,63,84) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

④ a)  $\text{kgV}(36, 40, 72) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 36 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 40 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 72 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(36,40,72) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

b)  $\text{kgV}(42, 60, 70) = \boxed{\phantom{00}}$

$$\begin{array}{l}
 42 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 60 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 70 = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \\
 \text{kgV}(42,60,70) = \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}
 \end{array}$$

① a)  $\text{kgV}(10, 30, 45) = \boxed{90}$

$$\begin{aligned} 10 &= 2 \cdot 5 \\ 30 &= 2 \cdot 3 \cdot 5 \\ 45 &= 3 \cdot 3 \cdot 5 \\ \text{kgV}(10,30,45) &= 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b)  $\text{kgV}(12, 16, 48) = \boxed{48}$

$$\begin{aligned} 12 &= 2 \cdot 2 \cdot 3 \\ 16 &= 2 \cdot 2 \cdot 2 \cdot 2 \\ 48 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(12,16,48) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

② a)  $\text{kgV}(15, 50, 75) = \boxed{150}$

$$\begin{aligned} 15 &= 3 \cdot 5 \\ 50 &= 2 \cdot 5 \cdot 5 \\ 75 &= 3 \cdot 5 \cdot 5 \\ \text{kgV}(15,50,75) &= 2 \cdot 3 \cdot 5 \cdot 5 \end{aligned}$$

b)  $\text{kgV}(18, 20, 90) = \boxed{180}$

$$\begin{aligned} 18 &= 2 \cdot 3 \cdot 3 \\ 20 &= 2 \cdot 2 \cdot 5 \\ 90 &= 2 \cdot 3 \cdot 3 \cdot 5 \\ \text{kgV}(18,20,90) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

③ a)  $\text{kgV}(24, 32, 96) = \boxed{96}$

$$\begin{aligned} 24 &= 2 \cdot 2 \cdot 2 \cdot 3 \\ 32 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \\ 96 &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \\ \text{kgV}(24,32,96) &= 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 \end{aligned}$$

b)  $\text{kgV}(28, 63, 84) = \boxed{252}$

$$\begin{aligned} 28 &= 2 \cdot 2 \cdot 7 \\ 63 &= 3 \cdot 3 \cdot 7 \\ 84 &= 2 \cdot 2 \cdot 3 \cdot 7 \\ \text{kgV}(28,63,84) &= 2 \cdot 2 \cdot 3 \cdot 3 \cdot 7 \end{aligned}$$

④ a)  $\text{kgV}(36, 40, 72) = \boxed{360}$

$$\begin{aligned} 36 &= 2 \cdot 2 \cdot 3 \cdot 3 \\ 40 &= 2 \cdot 2 \cdot 2 \cdot 5 \\ 72 &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \\ \text{kgV}(36,40,72) &= 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 \cdot 5 \end{aligned}$$

b)  $\text{kgV}(42, 60, 70) = \boxed{420}$

$$\begin{aligned} 42 &= 2 \cdot 3 \cdot 7 \\ 60 &= 2 \cdot 2 \cdot 3 \cdot 5 \\ 70 &= 2 \cdot 5 \cdot 7 \\ \text{kgV}(42,60,70) &= 2 \cdot 2 \cdot 3 \cdot 5 \cdot 7 \end{aligned}$$