

Multiplying Fractions and Mixed Numbers

$$1) \frac{3}{\cancel{10}_5} \cdot \frac{\cancel{2}^1}{7} = \boxed{\frac{3}{35}}$$

$$2) \frac{\cancel{3}^1}{\cancel{8}_4} \cdot \frac{\cancel{2}^1}{7} \cdot \frac{\cancel{14}^2}{\cancel{15}_3} \cdot \frac{\cancel{8}^1}{\cancel{6}_2} = \boxed{\frac{1}{12}}$$

$$3) 4\frac{1}{5} \cdot \frac{5}{14}$$

$$\overset{3}{\cancel{21}_1} \cdot \frac{\cancel{8}^1}{\cancel{14}_2} = \frac{3}{2} = \boxed{1\frac{1}{2}}$$

$$4) 9 \cdot \frac{5}{6}$$

$$\overset{3}{\cancel{9}_1} \cdot \frac{\cancel{5}^1}{\cancel{6}_2} = \frac{15}{2} = \boxed{7\frac{1}{2}}$$

$$5) 3\frac{1}{3} \cdot 2\frac{3}{4}$$

$$\overset{5}{\cancel{10}_3} \cdot \frac{\cancel{11}^1}{\cancel{4}_2} = \frac{55}{6} = \boxed{9\frac{1}{6}}$$