

$$\textcircled{A} \left(1\frac{1}{2} + \frac{3}{4}\right) \cdot \left(1\frac{1}{2} - \frac{3}{4}\right) = 1\frac{11}{16}$$

$$1) \overset{12}{1\frac{1}{2}} + \overset{3}{\frac{3}{4}} = 1\frac{1}{4} + \frac{3}{4} = 1\frac{5}{4} = 2\frac{1}{4}$$

$$2) \overset{12}{1\frac{1}{2}} - \overset{3}{\frac{3}{4}} = 1\frac{2}{4} - \frac{3}{4} = \frac{6}{4} - \frac{3}{4} = \frac{3}{4}$$

$$3) 2\frac{1}{4} \cdot \frac{3}{4} = \frac{9 \cdot 3}{4 \cdot 4} = \frac{27}{16} = 1\frac{11}{16}$$