

Умножение дробей

$$\frac{a}{b} \cdot \frac{c}{d} = \frac{ac}{bd}$$



Самостоятельная работа

В 1

$$3\frac{2}{3} \cdot 1\frac{1}{2} =$$

$$1\frac{2}{3} \cdot 1\frac{1}{2} =$$

$$\left(\frac{5}{12} + 1\frac{1}{3}\right) \cdot 3 =$$

В2

$$3\frac{2}{9} \cdot \frac{3}{5} =$$

$$\frac{3}{5} \cdot 6\frac{7}{9} =$$

$$\left(\frac{5}{8} + 2\frac{1}{4}\right) \cdot 4 =$$

Самостоятельная работа

В 1

$$3\frac{2}{3} \cdot 1\frac{1}{2} = \frac{11}{\cancel{3}} \cdot \frac{\cancel{3}}{2} = \frac{11}{2} = 5\frac{1}{2}$$

$$1\frac{2}{3} \cdot 1\frac{1}{2} = \frac{5}{\cancel{3}} \cdot \frac{\cancel{3}}{2} = \frac{5}{2} = 2\frac{1}{2}$$

$$\left(\frac{5}{12} + 1\frac{1}{3}\right) \cdot 3 = \left(\frac{5}{12} + 1\frac{1}{3}\right) \cdot 3 = \left(\frac{21}{12}\right) \cdot 3 = \frac{21}{4} = 5\frac{1}{4}$$

Самостоятельная работа

B2

$$3 \frac{2}{9} \cdot \frac{3}{5} = \frac{29}{9} \cdot \frac{3}{5} = \frac{29}{\cancel{39}} \cdot \frac{\cancel{3}}{5} = \frac{29}{15} = 1 \frac{14}{15}$$

$$\frac{3}{5} \cdot 6 \frac{7}{9} = \frac{3}{5} \cdot \frac{61}{9} = \frac{\cancel{3}}{5} \cdot \frac{61}{\cancel{93}} = \frac{61}{15} = 4 \frac{1}{15}$$

$$\left(\frac{5}{8} + 2 \frac{1}{4} \right) \cdot 4 = \left(\frac{\cancel{23}}{\cancel{8}} \right) \cdot \cancel{4} = \frac{23}{2} = 11 \frac{1}{2}$$