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

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

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

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

Самостоятельная работа

В2

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

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

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