分数乘法计算练习题

一、 分数×整数

$\dfrac{5}{12} \times 4 =$

$26 \times \dfrac{6}{13} =$

$\dfrac{11}{15} \times 5 =$

$24 \times \dfrac{13}{48} =$

$\dfrac{2}{21} \times 7 =$

$\dfrac{3}{10} \times 20 =$

$\dfrac{4}{25} \times 15 =$

$\dfrac{7}{18} \times 12 =$

二、 分数×分数

$\dfrac{2}{5} \times \dfrac{3}{4} =$

$\dfrac{6}{7} \times \dfrac{7}{8} =$

$\dfrac{5}{9} \times \dfrac{8}{15} =$

$\dfrac{12}{25} \times \dfrac{15}{16} =$

$\dfrac{2}{3} \times \dfrac{15}{16} =$

$\dfrac{4}{9} \times \dfrac{27}{16} =$

$\dfrac{14}{15} \times \dfrac{25}{21} =$

$\dfrac{20}{27} \times \dfrac{3}{8} =$

三、 分数×小数

$\dfrac{2}{9} \times 4.5 =$

$2.5 \times \dfrac{1}{6} =$

$\dfrac{1}{4} \times 0.8 =$

$\dfrac{9}{14} \times 0.5 =$

$2.8 \times \dfrac{1}{7} =$

$\dfrac{16}{17} \times 0.375 =$

$2.2 \times \dfrac{7}{20} =$

$9.75 \times \dfrac{4}{13} =$

四、 分数×带分数

$\dfrac{2}{5} \times 1\dfrac{1}{3} =$

$2\dfrac{3}{5} \times \dfrac{1}{2} =$

$4\dfrac{1}{3} \times 3\dfrac{1}{3} =$

$\dfrac{1}{4} \times 3\dfrac{3}{4} =$

$1\dfrac{1}{2} \times 1\dfrac{5}{6} =$

$9\dfrac{1}{2} \times \dfrac{3}{5} =$

$\dfrac{13}{16} \times 5\dfrac{1}{3} =$

$\dfrac{16}{17} \times 3\dfrac{2}{5} =$

分数乘法计算练习题
答案解析

一、分数×整数

$$\frac{5}{12}\times 4=\frac{5}{3}$$ $$26\times\frac{6}{13}=12$$ $$\frac{11}{15}\times 5=\frac{11}{3}$$ $$24\times\frac{13}{48}=\frac{13}{2}$$

$$\frac{2}{21}\times 7=\frac{2}{3}$$ $$\frac{3}{10}\times 20=6$$ $$\frac{4}{25}\times 15=\frac{12}{5}$$ $$\frac{7}{18}\times 12=\frac{14}{3}$$

二、分数×分数

$$\frac{2}{5}\times\frac{3}{4}=\frac{3}{10}$$ $$\frac{6}{7}\times\frac{7}{8}=\frac{3}{4}$$ $$\frac{5}{9}\times\frac{8}{15}=\frac{8}{27}$$ $$\frac{12}{25}\times\frac{15}{16}=\frac{9}{20}$$

$$\frac{2}{3}\times\frac{15}{16}=\frac{5}{8}$$ $$\frac{4}{9}\times\frac{27}{16}=\frac{3}{4}$$ $$\frac{14}{15}\times\frac{25}{21}=\frac{10}{9}$$ $$\frac{20}{27}\times\frac{3}{8}=\frac{5}{18}$$

三、分数×小数

$$\frac{2}{9}\times 4.5=1$$ $$2.5\times\frac{1}{6}=\frac{5}{12}$$ $$\frac{1}{4}\times 0.8=\frac{1}{5}$$ $$\frac{9}{14}\times 0.5=\frac{9}{28}$$

$$2.8\times\frac{1}{7}=0.4$$ $$\frac{16}{17}\times 0.375=\frac{6}{17}$$ $$2.2\times\frac{7}{20}=\frac{77}{100}$$ $$9.75\times\frac{4}{13}=3$$

四、分数×带分数

$$\frac{2}{5}\times 1\frac{1}{3}=\frac{8}{15}$$ $$2\frac{3}{5}\times\frac{1}{2}=\frac{13}{10}$$ $$4\frac{1}{3}\times 3\frac{1}{3}=\frac{130}{9}$$ $$\frac{1}{4}\times 3\frac{3}{4}=\frac{15}{16}$$

$$1\frac{1}{2}\times 1\frac{5}{6}=\frac{33}{12}$$ $$9\frac{1}{2}\times\frac{3}{5}=\frac{57}{10}$$ $$\frac{13}{16}\times 5\frac{1}{3}=\frac{13}{3}$$ $$\frac{16}{17}\times 3\frac{2}{5}=\frac{16}{5}$$