

تمرین

۱ــ حاصل عبارت‌های زیر را به‌دست آورید.

$(-\frac{6}{17})+(-\frac{-8}{17})=\frac{-6+8}{17}=\frac{2}{17}$ $(-\frac{12}{35})-(+\frac{11}{42})=\frac{-72-55}{210}=\frac{-127}{210}=-\frac{127}{210}$

$(-\frac{2}{63})-(-\frac{5}{72})=\frac{-16+35}{504}=+\frac{19}{504}$ $-\frac{7}{12}+(-3)=\frac{-7-36}{12}=-\frac{43}{12}=-3\frac{7}{12}$

$(+\frac{2}{11})\times(-\frac{6}{9})=-\frac{4}{33}$ $(-\frac{1}{10})\times(+\frac{8}{12})=-\frac{1}{15}$

$-8\div(+5)=-\frac{8}{5}=-1/6$ $(-12)\div(-28)=+\frac{12}{28}=\frac{3}{7}$

$(-\frac{7}{9})\div(-\frac{28}{27})=+\frac{7}{9}\times\frac{27}{28}=+\frac{3}{4}$ $-2/4\div 1/2=-2$

۲ــ عددهای زیر را به ساده‌ترین صورت بنویسید.

$-(-\frac{5}{8})=\frac{5}{8}$ $-(\frac{14}{-19})=\frac{14}{19}$ $-(\frac{-5}{-13})=-\frac{5}{13}$ $-\frac{3}{5}=-\frac{3}{5}$

۳ــ حاصل عبارت‌های زیر را به‌دست آورید.

$(\frac{3}{5}-(+\frac{2}{5}))\times\frac{5}{12}=\frac{1}{5}\times\frac{5}{12}=\frac{1}{12}$ $(-\frac{3}{5})\div(-\frac{2}{5}+\frac{5}{6})=-\frac{3}{5}\times\frac{30}{-12+25}=-\frac{18}{13}$

$(\frac{2}{5}-\frac{3}{5}-\frac{7}{5}+\frac{4}{5})\times(-\frac{5}{3})=-\frac{4}{5}\times\frac{-5}{3}=\frac{4}{3}$ $(-\frac{3}{8}+\frac{1}{6}-\frac{8}{9})\div\frac{-7}{24}=\frac{-27+12-64}{72}\times(-\frac{24}{7})=+\frac{79}{21}$

$(-2+3-7)+(-\frac{1}{3}+\frac{2}{5}-\frac{1}{15})=-6+\frac{-5+6-1}{15}=-6+\frac{0}{15}=-6$ $-1\frac{1}{2}\times(-3\frac{1}{3})=+(\frac{3}{2}\times\frac{10}{3})=5$

$-4\frac{1}{2}\div 1\frac{1}{4}=-\frac{9}{2}\times\frac{4}{5}=-\frac{18}{5}$ $-1\frac{2}{3}-1\frac{1}{4}\times\frac{-8}{5}=-\frac{5}{3}+\frac{5}{4}\times\frac{8}{3}=-\frac{5}{3}+2$

$=\frac{-5+6}{3}=\frac{1}{3}$

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