

حلول تمارين درس الكسور والعمليات عليها -2-(1) القسمة الإقليدية:1.3 الكتابة العشرية لحاصل القسمة:حل التمرين 1:

$\frac{3}{4} = 0,75$	$\frac{14}{8} = 1,75$	$\frac{12}{60} = 0,2$
$\frac{36}{16} = 2,25$	$\frac{7}{13} = 0,538461.. \approx 0,54$	$\frac{85}{11} = 7,7272.. \approx 7,73$
$\frac{69}{37} = 1,864864.. \approx 1,86$	$\frac{42}{15} = 2,8$	

حل التمرين 2:

$\frac{3}{4} = 0,75$	$\frac{4}{5} = 0,8$	$\frac{125}{10} = 12,5$
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(1)

$\frac{2}{3} \approx 0,66$	$\frac{1}{6} \approx 0,16$	$\frac{29}{9} \approx 3,22$
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(2)

حل التمرين 3:

$7 \times \frac{89}{7} = 89$	$8 \times \frac{5}{8} = 5$	$2 \times \frac{1}{2} = 1$	$5 \times \frac{58}{5} = 58$
	$8 \times 0,625 = 5$	$2 \times 0,5 = 1$	$5 \times 11,6 = 58$

1.4 قيمة مقربة لحاصل قسمة عدد عشري:حل التمرين 1:

$\frac{34,8}{22} \approx 1,58$	$\frac{76,4}{46} \approx 1,66$	$\frac{39,7}{19} \approx 2,09$	$\frac{27,8}{58} \approx 0,48$
$\frac{288}{2,1} \approx 137,14$	$\frac{627}{5,6} \approx 111,96$	$\frac{798}{3,7} \approx 215,68$	$\frac{976}{4,8} \approx 203,33$

حل التمرين 2:

$\frac{646,52}{932} \approx 0,694$	$\frac{81,786}{373} \approx 0,220$	$\frac{638,19}{784} \approx 0,815$	$\frac{3,7654}{845} \approx 0,005$
$\frac{7211}{7,81} \approx 923,304$	$\frac{4560}{67,5} \approx 67,556$	$\frac{4001}{80,4} \approx 49,764$	$\frac{8762}{5,36} \approx 1634,702$

## (2) الكسور:

## 2.1 كتابة عدد عشري على شكل كسر:

## حل التمرين 1:

$0,23 = \frac{23}{100}$	$2,35 = \frac{235}{100} = \frac{235 \div 5}{100 \div 5} = \frac{47}{20}$	
$2,351 = \frac{2\ 351}{1\ 000}$	$3,235 = \frac{3\ 235}{1\ 000} = \frac{3\ 35 \div 5}{1\ 000 \div 5} = \frac{647}{200}$	
$32,3517 = \frac{323\ 517}{10\ 000}$	$0,451 = \frac{451}{1,000}$	$0,05 = \frac{5}{100} = \frac{1}{20}$
$0,3 = \frac{3}{10}$	$1,2 = \frac{12}{10} = \frac{6}{5}$	$3,25 = \frac{325}{100} = \frac{325 \div 25}{100 \div 25} = \frac{13}{4}$
$7,25 = \frac{725}{100} = \frac{725 \div 25}{100 \div 25} = \frac{29}{4}$	$128,38 = \frac{12\ 838}{100} = \frac{6\ 419}{50}$	
$13,0682 = \frac{130\ 682}{10\ 000} = \frac{65\ 341}{5\ 000}$	$12,63 = \frac{1\ 263}{100}$	$0,18 = \frac{18}{100} = \frac{18 \div 2}{100 \div 2} = \frac{9}{50}$

## حل التمرين 2:

$2,375 = \frac{2\ 375}{1\ 000} = \frac{2\ 375 \div 125}{1\ 000 \div 125} = \frac{19}{8}$	$4,4 = \frac{44}{10} = \frac{44 \div 2}{10 \div 2} = \frac{22}{5}$	
$10,6 = \frac{106}{10} = \frac{106 \div 2}{10 \div 2} = \frac{53}{5}$	$8,75 = \frac{875}{100} = \frac{875 \div 25}{100 \div 25} = \frac{35}{4}$	
$9,15 = \frac{915}{100} = \frac{915 \div 5}{100 \div 5} = \frac{183}{20}$	$8,16 = \frac{816}{100} = \frac{816 \div 4}{100 \div 4} = \frac{204}{25}$	
$7,96 = \frac{796}{100} = \frac{796 \div 4}{100 \div 4} = \frac{199}{25}$	$1,6 = \frac{16}{10} = \frac{16 \div 2}{10 \div 2} = \frac{8}{5}$	
$7,8 = \frac{78}{10} = \frac{78 \div 2}{10 \div 2} = \frac{39}{5}$	$2,7 = \frac{27}{10}$	$0,15 = \frac{15}{100} = \frac{15 \div 5}{100 \div 5} = \frac{3}{20}$
$0,76 = \frac{76}{100} = \frac{76 \div 4}{100 \div 4} = \frac{19}{25}$	$0,85 = \frac{85}{100} = \frac{85 \div 5}{100 \div 5} = \frac{17}{20}$	
$0,62 = \frac{62}{100} = \frac{62 \div 2}{100 \div 2} = \frac{31}{50}$	$0,32 = \frac{32}{100} = \frac{32 \div 4}{100 \div 4} = \frac{8}{25}$	

## 2.2 قسمة عدد عشري على عدد عشري:

## حل التمرين 1:

$\frac{3,6}{4,8} = \frac{36}{48} = \frac{3}{4}$	$\frac{4,08}{1,2} = \frac{408}{120} = \frac{17}{5}$	$\frac{8,6}{1,2} = \frac{86}{12} = \frac{43}{6}$
$\frac{0,03}{0,2} = \frac{3}{20}$	$\frac{12,5}{0,7} = \frac{125}{7}$	$\frac{0,35}{0,06} = \frac{35}{6}$

## حل التمرين 2:

$\frac{7,92}{1,35} = \frac{792}{135} = \frac{88}{15}$	$\frac{6,75}{1,5} = \frac{675}{150} = \frac{9}{2}$	$\frac{77,634}{13,62} = \frac{77634}{13620} = \frac{57}{10}$
$\frac{7,28}{0,8} = \frac{728}{80} = \frac{91}{10}$	$\frac{37,1}{26,5} = \frac{371}{265} = \frac{7}{5}$	$\frac{334,5}{9,5} = \frac{3345}{95} = \frac{669}{19}$
$\frac{3,48}{7,25} = \frac{348}{725} = \frac{12}{25}$	$\frac{11,825}{2,75} = \frac{11825}{2750} = \frac{43}{10}$	$\frac{9,735}{0,03} = \frac{9735}{30} = \frac{649}{2}$
$\frac{9,378}{3,75} = \frac{9378}{3750} = \frac{1563}{625}$	$\frac{0,635}{0,53} = \frac{635}{530} = \frac{127}{106}$	$\frac{1,35}{4,95} = \frac{135}{495} = \frac{3}{11}$



Latreche MIFA