

1) Bekijk de uitlegvideo op: ► [67-delen-kommagetallen-2](#)

2) $0,785 : 5 = 0,157$

5	/	0	,	7	8	5	/	0	,	1	5	7						
				5														
				<u>2</u>	8													
				2	5							1	5	7				
				<u>3</u>	5									5				
				3	5									<u>7</u>	8	5	x	
				<u>0</u>														

3) Geef je antwoord in een heel getal, kommagetal of breukgetal.

$$40 \times 700 = 28\,000$$

$$300 : 50 = 6$$

$$3 \times 387 = 1161$$

$$5 \times 0,157 = 0,785$$

$$987 : 8 = 123 \frac{3}{8}$$

$$49000 : 700 = 70$$

kladpapier

$$\begin{array}{r} 387 \\ \times 3 \\ \hline 1161 \end{array}$$

$$\begin{array}{r} 157 \\ \times 5 \\ \hline 785 \end{array}$$

$$\begin{array}{r} 8 \overline{) 987} \\ \underline{8} \\ 18 \\ \underline{16} \\ 27 \\ \underline{24} \\ 3 \end{array}$$

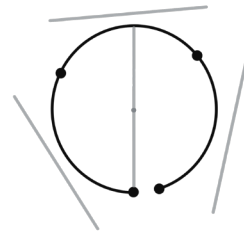
4) $0,352 : 8 = 0,044$

8	/	0	,	3	5	2	/	0	,	0	4	4						
				3	2													
				<u>3</u>	2									4	4			
				3	2													
				3	2									<u>3</u>	5	2	x	
				<u>0</u>														

- 1) De verhouding tussen de diameter en de omtrek van een cirkel is altijd hetzelfde getal, hoe groot of klein de cirkel ook is.

diameter : omtrek = 1 : 3,14159265 ...

Als je dit verhoudingsgetal afrondt op 3,1416 vul dan de verhoudingstabel hieronder aan.



omtrek > 3 × diameter

omtrek = 3,14159265... × diameter

diameter	omtrek	kladpapier
1 m	3,1416 m	
2 m	6,2832 m	
3 m	9,4248 m	
10 m	31,416 m	

$$\begin{array}{r} 3,1416 \\ \times 2 \\ \hline 6,2832 \\ \leftarrow 4 \end{array}$$

$$\begin{array}{r} 3,1416 \\ \times 3 \\ \hline 9,4248 \\ \leftarrow 4 \end{array}$$

2) $0,966 : 7 = 0,138$

$0,553 : 7 = 0,079$

$7 \overline{) 0,966} \quad 0,138$	$7 \overline{) 0,553} \quad 0,079$
$\begin{array}{r} 7 \\ \hline 26 \\ \hline 21 \\ \hline 56 \\ \hline 56 \\ \hline 0 \end{array}$	$\begin{array}{r} 49 \\ \hline 63 \\ \hline 63 \\ \hline 0 \end{array}$

3) $\frac{11}{13} \times \frac{26^2}{51} = \frac{22}{51}$

$51 \times \frac{26}{102} = 13$

$1\frac{3}{4} \times \frac{5}{21} = \frac{7}{4} \times \frac{5}{21} = \frac{5}{12}$