

1) Bekijk de uitlegvideo op: ► 56-delen-hele-getallen-6

2) $769 : 8 = 96 \frac{1}{8}$ $779 : 3 = 259 \frac{2}{3}$

8	/	7	6	9	/	9	6					3	/	7	7	9	/	2	5	9
		7	2	⋮										6	⋮	⋮				
			4	9										1	7	⋮				
			4	8										1	5	⋮				
				1											2	9				
															2	7				
																2				

3) $22 : 7 = 3 \frac{1}{7}$ $34 : 6 = 5 \frac{4}{6} = 5 \frac{2}{3}$

$44 : 8 = 5 \frac{4}{8} = 5 \frac{1}{2}$ $82 : 9 = 9 \frac{1}{9}$

$100 : 11 = 9 \frac{1}{11}$ $58 : 7 = 8 \frac{2}{7}$

4) $798 : 12 = 66 \frac{6}{12} = 66 \frac{1}{2}$ $507 : 7 = 72 \frac{3}{7}$

1	2	/	7	9	8	/	6	6				7	/	5	0	7	/	7	2
			7	2										4	9				
				7	8									1	7				
				7	2									1	4				
					6										3				

- 1) Controleer elke deelsom met behulp van de omgekeerde bewerking.

Bij de eerste som zie je hoe je alles moet opschrijven.

$$\frac{22}{7} = 3\frac{1}{7} \quad \text{want} \quad 7 \times 3\frac{1}{7} = 21\frac{7}{7} = 22 \quad \frac{9}{5} = 1\frac{4}{5} \quad \text{want} \quad 5 \times 1\frac{4}{5} = 5\frac{20}{5} = 9$$

$$\frac{31}{5} = 6\frac{1}{5} \quad \text{want} \quad 5 \times 6\frac{1}{5} = 30\frac{5}{5} = 31 \quad \frac{8}{3} = 2\frac{2}{3} \quad \text{want} \quad 3 \times 2\frac{2}{3} = 6\frac{6}{3} = 8$$

$$\frac{37}{7} = 5\frac{2}{7} \quad \text{want} \quad 7 \times 5\frac{2}{7} = 35\frac{14}{7} = 37 \quad \frac{61}{12} = 5\frac{1}{12} \quad \text{want} \quad 12 \times 5\frac{1}{12} = 60\frac{12}{12} = 61$$

- 2) Op een stuk land staan ongeveer 50.000 rode tulpen in bloei maar er zitten ook ongeveer 200 gele tulpen tussen. Welk deel van de tulpen is geel? Schrijf je berekening ook op!

A	B	C	D
1 op de 500	1 op de 300	1 op de 250	1 op de 800
$\frac{200}{50000} = \frac{2}{500} = \frac{1}{250}$			

- 3) Zet de kommagetallen om in breuken.

$3,7 = 3\frac{7}{10}$	$1,5 = 1\frac{5}{10} = 1\frac{1}{2}$	$0,013 = \frac{13}{1000}$
$0,23 = \frac{23}{100}$	$3,07 = 3\frac{7}{100}$	$27,0011 = 27\frac{11}{10000}$
$1,1 = 1\frac{1}{10}$	$0,004 = \frac{4}{1000} = \frac{1}{250}$	$0,25 = \frac{1}{4}$
$0,2 = \frac{1}{5}$	$1,4 = 1\frac{4}{10} = 1\frac{2}{5}$	$0,125 = \frac{1}{8}$

- 4) Probeer je berekingen zo netjes mogelijk op te schrijven zonder ruitjespapier.

$958 : 7 = 136\frac{6}{7}$	$985 : 7 = 140\frac{5}{7}$	$155 : 4 = 38\frac{3}{4}$
$\begin{array}{r} 7 \overline{) 958} \setminus 136 \\ 7 : \\ \underline{25} : \\ 21 : \\ \underline{48} : \\ 42 : \\ \underline{6} : \\ 0 \end{array}$	$\begin{array}{r} 7 \overline{) 985} \setminus 140 \\ 7 : \\ \underline{28} : \\ 28 : \\ \underline{05} : \\ 0 : \\ 5 : \\ 0 \end{array}$	$\begin{array}{r} 4 \overline{) 155} \setminus 38 \\ 12 : \\ \underline{35} : \\ 32 : \\ \underline{3} : \\ 0 \end{array}$

$$1) \frac{3}{7} \times \frac{1}{7} = \frac{3}{49}$$

$$7 \times \frac{3}{23} = \frac{21}{23}$$

$$7 \times \frac{3}{7} = 3$$

$$\frac{3}{7} \times \frac{7}{8} = \frac{3}{8}$$

$$4\frac{3}{5} \times \frac{7}{23} = \frac{23}{5} \times \frac{7}{23} = \frac{7}{5} = 1\frac{2}{5}$$

$$4\frac{3}{5} + \frac{7}{10} = 4\frac{6}{10} + \frac{7}{10} = 4\frac{13}{10} = 5\frac{3}{10}$$

$$2) 1 \text{ km} = \dots 1000 \dots \text{ m}$$

$$1 \text{ km} = \dots 10 \dots \text{ hm}$$

$$1 \text{ km} = \dots 100 \dots \text{ dam}$$

$$1 \text{ hm} = \dots 100 \dots \text{ m}$$

$$1 \text{ hm} = \dots 10 \dots \text{ dam}$$

$$1 \text{ dam} = \dots 10 \dots \text{ m}$$

$$1 \text{ m} = \dots 0,001 \dots \text{ km}$$

$$1 \text{ hm} = \dots 0,1 \dots \text{ km}$$

$$1 \text{ dam} = \dots 0,01 \dots \text{ km}$$

$$1 \text{ m} = \dots 0,01 \dots \text{ hm}$$

$$1 \text{ dam} = \dots 0,1 \dots \text{ hm}$$

$$1 \text{ m} = \dots 0,1 \dots \text{ dam}$$

3) Probeer je berekeningen zo netjes mogelijk op te schrijven zonder ruitjespapier.

$$713 : 6 = 118 \frac{5}{6}$$

$$5007 : 7 = 715 \frac{2}{7}$$

$$1222 : 6 = 203 \frac{4}{6} = 203 \frac{2}{3}$$

$$\begin{array}{r} 6 \overline{) 713} \quad | \quad 118 \\ \underline{6} \\ 11 \\ \underline{6} \\ 53 \\ \underline{48} \\ 5 \end{array}$$

$$\begin{array}{r} 7 \overline{) 5007} \quad | \quad 715 \\ \underline{49} \\ 10 \\ \underline{7} \\ 37 \\ \underline{35} \\ 2 \end{array}$$

$$\begin{array}{r} 6 \overline{) 1222} \quad | \quad 203 \\ \underline{12} \\ 022 \\ \underline{18} \\ 4 \end{array}$$

4) Zet de breuken om in kommagetallen.

$$\frac{2}{100} = 0,02$$

$$\frac{12}{100} = 0,12$$

$$\frac{1}{8} = 0,125$$

$$\frac{1}{50} = \frac{2}{100} = 0,02$$

$$\frac{11}{50} = \frac{22}{100} = 0,22$$

$$2\frac{3}{4} = 2,75$$

$$6\frac{1}{2} = 6,5$$

$$5\frac{1}{4} = 5,25$$

$$\frac{1}{25} = \frac{4}{100} = 0,04$$