



# Drukbare Assessering CAMI Wisk: Graad 8

## Berekeninge met desimale getalle

1. Voltooi die gegewe tabel.

Breuk	Ekwivalente breuk( $\frac{n}{100}$ )	Desimaal	Persentasie
$\frac{2}{4}$			
$\frac{3}{4}$			
		0,8	
			35%
$\frac{3}{5}$			

2. Voeg <, > of = in

2.1  $88,492 \square 87,035$

2.2  $\frac{320}{1000} \square \frac{15}{1000}$

2.3  $-49,875 \square -65,568$

3. Rond af .

3.1 4,2725 tot 1 desimale plek

3.2 12,0125 tot 2 desimale plekke

3.3 99,9057 tot 3 desimale plekke

4. Optel en aftrek van desimale getalle.

4.1  $14,568 + 0,445 - 3,148$

4.2  $7 - 0,0012$



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4.3

$$\begin{array}{r} 15,0149 \\ + 7,1599 \\ \hline \\ \hline \end{array}$$

5. Maal en deel met desimale breuke.

5.1  $0,00658 \times 100\ 000$

5.2  $12,568 \times 100$

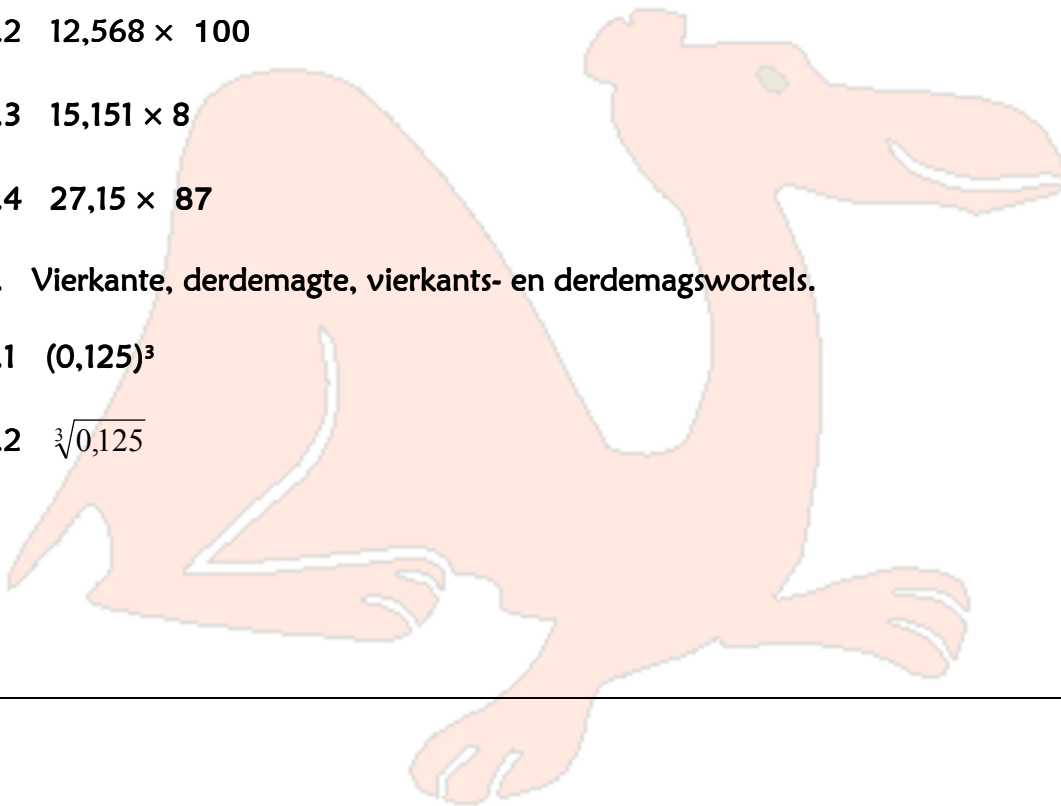
5.3  $15,151 \times 8$

5.4  $27,15 \times 87$

6. Vierkante, derdemagte, vierkants- en derdemagswortels.

6.1  $(0,125)^3$

6.2  $\sqrt[3]{0,125}$





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## MEMO

1. Voltooi die tabel.

[2.3.5.10]

Breuk	Ekwivalente breuk( $\frac{n}{100}$ )	Desimaal	Persentasie
$\frac{2}{4}$	$\frac{50}{100}$	0,5	50%
$\frac{3}{4}$	$\frac{75}{100}$	0,75	75%
$\frac{4}{5}$	$\frac{80}{100}$	0,8	80%
$\frac{7}{20}$	$\frac{35}{100}$	0,35	35%
$\frac{3}{5}$	$\frac{60}{100}$	0,6	60%

2. Voeg <, > of = in.

[2.3.9.2; 2.3.9.3]

2.1  $88,492 > 87,035$

2.2  $\frac{320}{1000} > \frac{15}{1000}$

2.3  $-49,875 > -65,568$

3. Rond af.

[2.3.3.2]

3.1  $4,2725 \approx 4,3$

3.2  $12,0125 \approx 12,01$

3.3  $99,9057 \approx 99,906$



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4. Optel en aftrek met desimale getalle. [2.3.4.4, 2.3.4.8, 2.3.4.9]

4.1  $14,568 + 0,445 - 3,148 = 11,865$

4.2  $7 - 0,0012 = 6,9988$

4.3

$$\begin{array}{r} 15,0149 \\ + 7,1599 \\ \hline 22,1748 \end{array}$$

5. Maal en deel met desimale getalle. [2.3.6.2, 2.3.6.5, 2.3.6.8]

5.1  $0,00658 \times 100\ 000 = 658$

5.2  $12,568 \times 100 = 1\ 256,8$

5.3  $15,151 \times 8 = 121,208$

5.4  $27,15 \times 87 = 2\ 362,05$

6. Vierkante, derdemagte, vierkants – en derdemagswortels. [2.3.10]

6.1  $(0,125)^3$   
 $= (0,125) \cdot (0,125) \cdot (0,125)$   
 $= \frac{1}{8} \times \frac{1}{8} \times \frac{1}{8}$   
 $= \frac{1}{512}$

6.2  $\sqrt[3]{0,125}$   
 $= \sqrt[3]{\frac{1}{8}}$   
 $= \frac{1}{2}$