O Gr 8 Wiskunde | Mathematics

## Breuke / Fractions (2)

- 1. Breukdele "van" getalle / Fractions "of" numbers
  - Wanneer jy met 'n breuk werk, maak alles breuke.
     When working with fractions, make everything fractions.
  - a)  $\frac{4}{5}$  of 20

     maak heelgetalle ook breuke

    =  $\frac{4}{5}$   $\times$   $\frac{20}{1}$  change integers to fractions.

    =  $\frac{4}{5}$   $\times$   $\frac{20}{1}$  "kanselleer" een onder met een bo

    =  $\frac{4\times4}{1\times1}$  "Cancel" one at top with one at bottom

    =  $\frac{16}{1}$
  - von 800 250 C) <u>b)</u> 10 800 250 X 25Ø sakrekenda > ≥00 32 800 ÷ 25 calculator 2 x 32 USE 2 x 25 IXI 64 50 64 = 50
    - Dieselfde reëls word toegepas as in vorige grade
       The same rules are applied as previous grades

$\mathbf{G}$				
2	Breukdele	"van" breuke	Fractions "	of "fractions
		Χ		^
	"Werk presi		-p maak alles	_
	Works exac	tly the sam	e -> convert to	fractions.
,	$\frac{2}{3}  \text{van}  \frac{9}{10}$			
(	Ju hoef hie die "uitkanselleer"			r" metode te
	= 3 × 10 gebruik nie, jy kan ook net bo -> 21 93 2×9 onder ->			bo -> maal en onder -> maal
	$=$ $\overline{31} \times 105$ OR $\overline{3} \times 10$			
	1 x 3		not have to use the You can also just	e "cancel out" X→ top and
	IXS		you can also just	x → bottom
	$=\frac{3}{5}$	<u>3</u> 5		
i	\	6	$\frac{1}{10}$ of 201	
	20			
	= 4 1 20 = 10 100			
	$= \frac{1}{141} \times \frac{1164}{20} = \frac{1}{100} \times \frac{202}{100}$			
	1 X 4			
	4 ÷ 4 2 ÷ 2			
	= 100÷2			0098 =
	= \frac{1}{5}			
		$\frac{\varepsilon}{\cos} = \frac{\varepsilon \div \cot}{\varepsilon \div \sin} = \frac{\varepsilon}{\varepsilon}$	<u> xos</u> -	3600
0	Ø8 JOSOOI '8		( x l _	
	UET   EX	3u6	OI	3. \$1200
	1. $\frac{1}{2}$ van 500	<u>57</u> =	1	3 POSQ 1500
,	2. \( \frac{\cupec}{7} \) van \( 210 \)	z÷09 =	001 =	081 =
	3 van 4000	OSXI =	001XI =	081 =
•	3. 3 van 6000	9x ti	001 X K .2	<u> </u>
	4. 15 van R300	971	0196	02 X 9
	5. 9 of 100	<u> </u>	= $8$ sco	050te X ik .2
	2 van 25	0b = 01 0exe =	= 500	= S20
	6. 15 of 30 4 van 42	OEXE =	1 X 1 -	<del>7</del> =
-	7. 7 van 42 7. 7 of 50	5 x 7	DE X SU . 4	
*	8. 5% of 80	24 285 × 20 205 × 58(24.0)	200 101	Memo
		コマ		