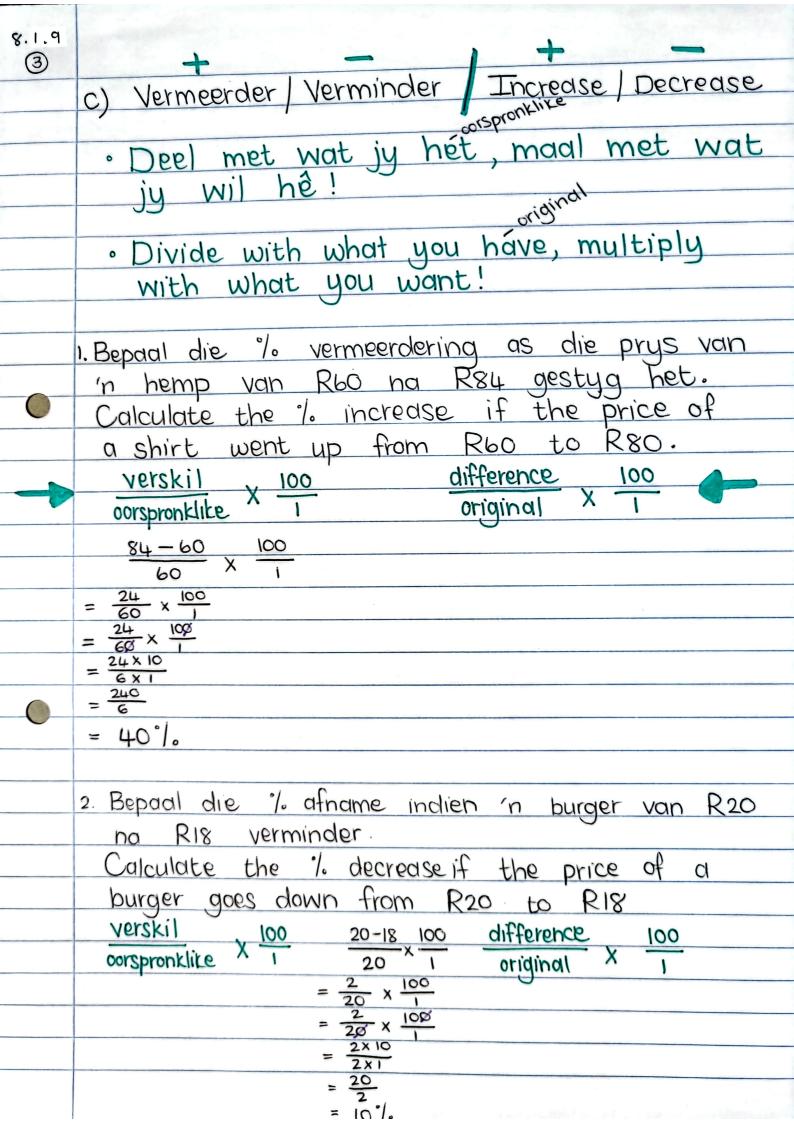
8.1.9 Gr 8 Wiskunde | Mathematics 0 Breuke | Fractions (5) 1. Persentasies | Percentages 100%. a) % van 'n getal / of a number • As 1. gegee word in

die vraag → 15%.

• Skryf as breuk 15 . Write as fraction 15%.

• "van" beteken X • "of" means X a question → 15%.
• Write as fraction \*\*
• "of" means × 1. 20% of R400? 1. Herskryf as breyke  $= \frac{20}{100} \times \frac{400}{1}$   $= \frac{20}{100} \times \frac{400}{1}$   $= \frac{20 \times 4}{1 \times 1}$ Rewrite as fractions. 2. "Kanselleer uit" "Cancel out = R802. 5% of 1600?  $= \frac{5}{100} \times \frac{1600}{1}$   $= \frac{5}{100} \times \frac{1600}{1}$ 5x16 80 100 = 80 3.  $25^{\circ}/.$  van  $= \frac{25}{100} \times \frac{20}{25}$   $= \frac{25}{100} \times \frac{20}{25}$ 



8.1.9	+ - + -
	d) Vermeerder / Verminder / Increase / Decrease
	of ) Vollings of the second of
	· Met hierdie somme gee hulle die %
	<ul> <li>Met hierdie somme gee hulle die %.</li> <li>With these calculations, the % is given.</li> </ul>
	Gebruik Verhoudings Use ratios
	Vermeerder 100:100+% Increase
	X 100 + 1.
	Verminder 100: 100-1/. Decrease
	$\times \frac{100}{100}$
	1. Bereken hoeveel 'n nuwe kar sal kos as die
	Kosprys van R120000 met 15% vermeerder
	Calculate how much a new car would cost
	if the cost price of R120000 is increased by 15%
	if the cost price of R120000 is increased by 15%. Verhouding/Ratio: 100:100+15
	100: 115
	R120000 x 115 1200
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	= 1200 x 115 6000
	= R138 000 1 2 0 0 0
	+ 1 2 0 0 0 0
	138000
	"Sonder die gebruik van 'n sakrekenaar = Wys al jou stappe"
	al jou stappe"
	"Without the use of a calculator = Show
	all calculations"