

①

Gr 8 Wiskunde / Mathematics

Koers / Rate

120 km/h

"120 kilometer per uur" / "120 kilometres per hour"

Deel km met ure

Divide km with hours


(Die koers sê wat jy moet doen)

(The rate tells you what to do)

Werk alles uit per 1 (1 km, 1 liter, 1 uur,
1 persoon, 1 dag)

Work out per 1 (1 km, 1 l, 1 hour)
(1 person, 1 day)

1. Jy ry 400km in 3ure. Bereken die speed in $\frac{\text{km}}{\text{h}}$.
 km per uur \therefore deel $\frac{\text{km}}{\text{ure}}$

You drive 400km in 3 hours. Calculate the speed in km/h $\text{km per hour} \therefore \frac{\text{km}}{\text{hours}}$ 

$$S = \frac{\text{Afstand}}{\text{Tijd}} \quad / \quad \frac{\text{Distance}}{\text{Time}}$$
$$= \frac{400}{3}$$
$$= 133,33 \text{ km/h}$$



2. Jy koop 12 rugbykaartjies vir R2160. Bereken die prys van 'n kaartjie \therefore prys per persoon/kaartjie \therefore price per person/ticket

You bought 12 rugby tickets for R2160. Calculate the price of one ticket.

8.1.3(b)

②

$$\frac{\text{Prys}}{\text{kaartjies}} \div \frac{\text{Price}}{\text{tickets}} \rightarrow \frac{\text{Prys "per" kaartjie}}{\text{Price "per" ticket}}$$

$$= \frac{2160}{12}$$

$$= R180 \quad \begin{array}{l} \text{per kaartjie} \\ \text{per ticket} \end{array}$$

3. Jaco se bakkie kan 425 km op een tank petrol. Hoeveel km kry Jaco per liter petrol? Een tank vat 50 l.

Jaco's bakkie can drive 425 km on a tank petrol. How many km's does he get per litre?
One tank = 50 l. km per l

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$$= \frac{425}{50}$$

$$= 8,5 \text{ km/l} \quad \begin{array}{l} \text{lees "km per l"} \\ \text{reads "km per l"} \end{array}$$