



Choosing the most appropriate NumberSense Workbook for a child

Children will benefit most from the NumberSense Workbook Series if they start with the workbook that matches their stage of number sense development. In that way they will be able to work confidently and independently through the workbook.

The workbooks are developmental in nature. Each workbook builds on the concepts and skills developed in the previous workbook. To gain as much as possible from the workbook series children should work through the materials in the sequence that they appear in the workbook.

To help you choose the NumberSense Workbook that is most appropriate for a particular child; three sample pages are available for each of the 26 workbooks in the series. These sample pages are available in all of the languages that the booklets have been translated into. The purpose of these sample pages is to assist you to decide on the first workbook that a child will start working in.

Using the sample pages to choose the most appropriate workbook for a child

Use the *NumberSense Workbook Grade Guide* at www.NumberSense.co.za to determine the ideal workbook for a child based on their Grade and the time of the year. Then:

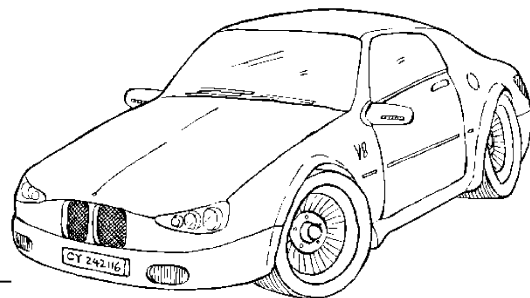
- Start with the sample pages from the workbook at least four workbooks before the ideal one.
- Let the child work through these pages by him/herself.
 - If the child finds the activities on the pages too easy (and gets all the answers correct); repeat the exercise with the sample pages from the next workbook.
 - If the child struggles with the pages then repeat the exercise with the sample pages from an earlier workbook in the series.

The best initial workbook for a child is the workbook before the one in which the child starts to struggle.

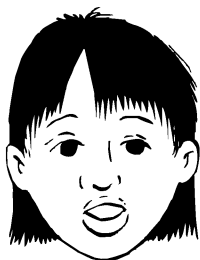
Having decided on an initial workbook for a child let him/her work through that workbook and those that follow at a pace of at least one page per day.



1. Mnr Twala het R842 betaal vir 4 nuwe motorbande. Hoeveel het elke band gekos?



Mandela Hoërskool het R8 480 ingesamel vir liefdadigheid. Die geld is gelykop verdeel tussen 4 organisasies. Hoeveel het elke organisasie gekry?



$$R8\ 480 \div 4$$

Ek halveer 8 480 en halveer dan weer.
Die helfte van 8 480 is 4 240, en
die helfte van 4 240 is 2 120.
Elke organisasie kry R2 120.



Adila gebruik 'n halveerstrategie om te deel deur 4.

2. Gebruik 'n "halveer"-strategie om te bereken.

a. $64 \div 4 =$ _____

e. $236 \div 4 =$ _____

i. $2\ 420 \div 4 =$ _____

b. $96 \div 4 =$ _____

f. $312 \div 4 =$ _____

j. $4\ 208 \div 4 =$ _____

c. $104 \div 4 =$ _____

g. $2\ 200 \div 4 =$ _____

k. $6\ 424 \div 4 =$ _____

d. $448 \div 4 =$ _____

h. $1\ 612 \div 4 =$ _____

l. $4\ 604 \div 4 =$ _____

Die Onderwysdepartement het 4 872 boeke gelykop verdeel tussen 8 skoolbiblioteke. Hoeveel boeke het elke biblioteek ontvang?



Adila, kan jy dieselfde strategie gebruik om deur 8 te deel?

Ja, ek kan. $4\ 872 \div 8$
Ek halveer 4 872 en halveer dan weer en halveer weer.
Die helfte van 4 872 is 2 436, en
die helfte van 2 436 is 1 218, en
die helfte van 1 218 is 609 boeke.



3. Gebruik 'n "halveer"-strategie om te bereken.

a. $168 \div 8 =$ _____

e. $416 \div 8 =$ _____

i. $5\ 816 \div 8 =$ _____

b. $224 \div 8 =$ _____

f. $2\ 600 \div 8 =$ _____

j. $4\ 912 \div 8 =$ _____

c. $368 \div 8 =$ _____

g. $4\ 112 \div 8 =$ _____

k. $5\ 688 \div 8 =$ _____

d. $648 \div 8 =$ _____

h. $4\ 200 \div 8 =$ _____

l. $6\ 416 \div 8 =$ _____

1. 'n Vragmotor wat gebruik word om sakke koring te vervoer, weeg 4 500 kg.
'n Sak koring weeg 50 kg.

a. Voltooi die tabelle om jou te help bereken hoeveel verskillende vragte koring weeg.

Getal sakke koring	1	2	3	4	5	6	7	8	9
Sakke (kg)									

Getal sakke koring	10	20	30	40	50	60	70	80	90
Sakke (kg)									

b. Hoeveel sal hierdie sakke weeg?

- 20 sakke
- 48 sakke
- 84 sakke

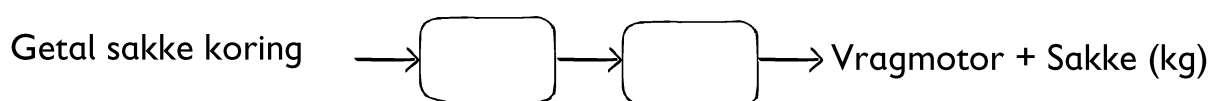
c. Hoeveel sal die vragmotor gelaai met 48 sakke weeg?

d. Voltooi die tabel.

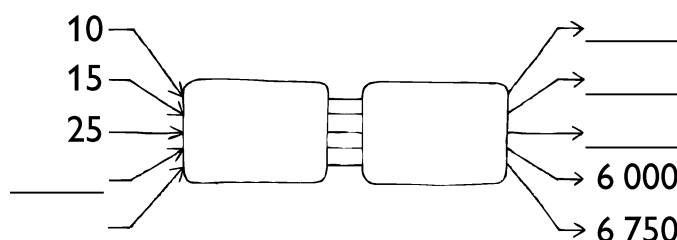
Getal sakke koring	20	35	42	54	65	72	82	90	100
Vragmotor + Sakke (kg)			6600						9500

2. 'n Vloeiagram kan gebruik word om te bereken hoeveel die vragmotor en die vrag sal weeg.

a. Voltooi die vloeiagram.



b. Voltooi om te bereken hoeveel die vragmotor en die vrag sal weeg.



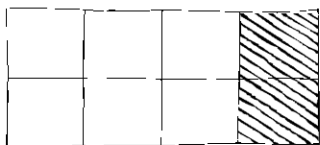
c. Hoeveel sakke koring is daar op die vragmotor as die vragmotor en die vrag soveel weeg:

- 5 000 kg?
- 5 300 kg?
- 4 750 kg?

d. Beskryf hoe jy die antwoorde op c bereken het.

1. Skryf verskillende breuke om die ingekleurde deel van elke figuur te beskryf.

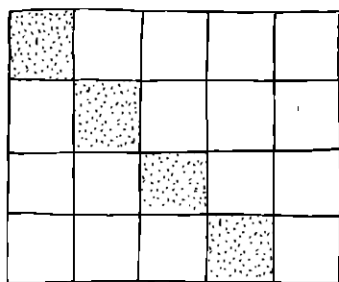
Een moontlikheid is gegee.



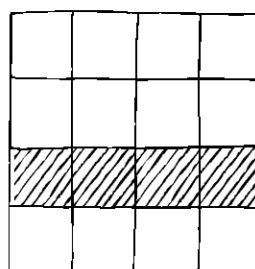
a. $\frac{2}{8}$ of $\frac{1}{4}$



c. _____ of _____



b. _____ of _____ of _____



d. _____ of _____

2. Kyk na die figure vir vraag 1 en voltooi dan.

a. Die helfte van $\frac{1}{4} =$ _____

c. 'n Kwart van $\frac{4}{20} =$ _____

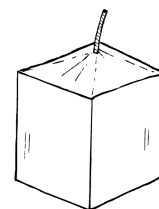
b. Die helfte van $\frac{1}{9} =$ _____

d. Die helfte van $\frac{2}{8} =$ _____

3. Themba en Xolile koop gewone kerse by die supermark. Hulle smelt die kerse en maak dan spogkerse van die was. Hulle maak twee verskillende spogkerse.

- 'n Groot ronde kers word gemaak van $1\frac{1}{4}$ van 'n gewone kers.
- 'n Groot vierkantige kers word gemaak van $1\frac{3}{5}$ van 'n gewone kers.

- a. Hoeveel gewone kerse moet hulle koop om 15 groot ronde kerse en 15 groot vierkantige kerse te maak?



- b. Hoeveel groot ronde kerse kan hulle maak as hulle een pak met 25 gewone kerse het?

- c. Hoeveel groot vierkantige kerse kan hulle maak as hulle een pak met 25 gewone kerse het?