

WORKSHOP 2/2020

Worksheet 7: Number Sentences Working with Brackets and Equations	Werksblad 7: Getallesinne Werk met hakies en vergelykings
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Operations inside brackets are always done first in number sentences. A closed number sentence is called an equation.

Berekeninge binne die hakies van vergelykings word altyd eerste gedoen. 'n Geslote getallesin word 'n vergelyking genoem.

1.

Solve the following number sentences:	Los die volgende getallesinne op:
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(a) $26 - (10 - 3) = \underline{\hspace{2cm}}$

(b) $(32 - (5 - 3)) \div 2 =$

$\underline{\hspace{2cm}}$

(c) $(18 + 9) - (7 + 5) = \underline{\hspace{2cm}}$

(d) $(8 + 13) \times 2$

$= \underline{\hspace{2cm}}$

(e) $2 \times (3 + 5) = \underline{\hspace{2cm}}$

2.

Is the following number sentences: = or \neq	Is die volgende getallesinne: = of \neq
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(a) $5 + 6 \underline{\hspace{1cm}} 16 + 5$

(b) $(10 + 2) \times 5 \underline{\hspace{1cm}} 10 + (2 \times 5)$

(c) $18 + 1 \underline{\hspace{1cm}} 18 \times 1$
 $+ 6) \times 4$

(d) $6 + (6 \times 4) \underline{\hspace{1cm}} (6$

(e) $12 \div 4 + 2 \underline{\hspace{1cm}} 12 + (4 + 2)$

3.

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If there are no brackets, multiplication and division are always done before addition and subtraction. Complete the equations below:

As daar geen hakies is nie, word vermenigvuldiging en deling eerste gedoen voor optelling en deling. Voltooi die onderstaande vergelykings:

(a) $4 \times 3 + 2 =$ _____

(b) $17 - 15 \div 3 =$ _____

(c) $11 \times 6 - 3 =$ _____

(d) $6 \times 3 - 10 \div 2 =$ _____

(e) $5 + 4 \times 10 =$ _____