

Outcomes:

Patterns & Algebra (PAS2.1)

Generates, describes and records number patterns using a variety of strategies and completes simple number sentences by calculating missing values.

Addition & Subtraction (NS2.2)

Uses mental and written strategies for addition and subtraction involving two-, three- and four-digit numbers

Multiplication and Division (NS2.3)

Uses mental and informal written strategies for multiplication and division

Applying Strategies (WMS2.2)

Selects and uses appropriate mental or written strategies, or technology, to solve problems

Prior Learning

Students have had practice discussing and recording number sentences that equal, are greater than or are less than a given number or number sentence and are familiar with the =, < and > signs.

Description of Activity

Students record number sentences that are equal to, greater than and less than the given number sentences. Students are encouraged to demonstrate their knowledge of all number operations and whole and part numbers in their number sentences.

Differentiation

Students may be presented with an activity sheet that gives a number rather than a number sentence if achieving below Stage 2.

The suggested time allocation for this activity is 30 minutes.

Resources

Assessment sheet, pencil

Achievement Criteria (Year 4)

	E	D	C	B	A
PAS2.1 NS2.2 NS2.3 WM2.2	<ul style="list-style-type: none"> Records only a few number sentences and may require assistance Does not demonstrate knowledge of greater than and less than concepts. 	<ul style="list-style-type: none"> Some number sentences are incorrect. Mainly addition and subtraction number sentences are used. Only basic strategies are demonstrated e.g. Adding/subtracting by one or ten. 	<ul style="list-style-type: none"> Number sentences are accurate and correctly relate to the given number sentence. Records number sentences involving all four operations using some different strategies. 	<ul style="list-style-type: none"> Number sentences are accurate and involve more than one operation. More complex strategies are used to construct number sentences. Attempts to use brackets to demonstrate order of operations. 	<ul style="list-style-type: none"> Constructs complex number sentences that are accurately recorded involving all four operations and a wide variety of strategies. Brackets are correctly used to show order of operations. Incorporates fractions and decimals into number sentences.

Teacher Observations

Outcomes:

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Generates, describes and records number patterns using a variety of strategies and completes simple number sentences by calculating missing values.

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Uses mental and written strategies for addition and subtraction involving two-, three- and four-digit numbers

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Uses mental and informal written strategies for multiplication and division

Applying Strategies (WMS2.2)

Selects and uses appropriate mental or written strategies, or technology, to solve problems

Prior Learning

Students have had practice discussing and recording number sentences that equal, are greater than or are less than a given number or number sentence and are familiar with the =, < and > signs.

Description of Activity

Students record number sentences that are equal to, greater than and less than the given number sentences. Students are encouraged to demonstrate their knowledge of all number operations and whole and part numbers in their number sentences.

Differentiation

Students may be presented with an activity sheet that gives a number rather than a number sentence if achieving below Stage 2.

The suggested time allocation for this activity is 30 minutes.

Resources

Assessment sheet, pencil

Achievement Criteria (Year 3)

	E	D	C	B	A
PAS2.1 NS2.2 NS2.3 WM2.2	<ul style="list-style-type: none"> Records only a few number sentences and may require assistance Does not demonstrate knowledge of greater than and less than concepts. 	<ul style="list-style-type: none"> Some number sentences are incorrect. Mainly addition and/or subtraction number sentences are used. Only basic strategies are demonstrated e.g. Adding/subtracting by one or ten. 	<ul style="list-style-type: none"> Most number sentences are accurate and correctly relate to the given number sentence. Records number sentences involving all four operations. 	<ul style="list-style-type: none"> Number sentences are accurate and some involve more than one operation. Some different strategies are used to construct the number sentences. 	<ul style="list-style-type: none"> Constructs complex number sentences that are accurately recorded involving all four operations and a wide variety of strategies. Attempts to use brackets to show order of operations. Includes some fractions or decimals in number sentences and some are correct.

Teacher Observations

Name

Date

Record some number sentences that are equal (=) to the following number sentence.
 $156 - 66 =$

Record some number sentences that are greater than (>) the following number sentence.
 24×4

Record some number sentences that are less than (<) to the following number sentence.
 $247 + 176$

Name

Date

Record some number sentences that are equal ($=$) to the following number sentence.
30

Record some number sentences that are greater than ($>$) the following number sentence.
80

Record some number sentences that are less than ($<$) to the following number sentence.
65