

RELATIONAL SUBTRACTION

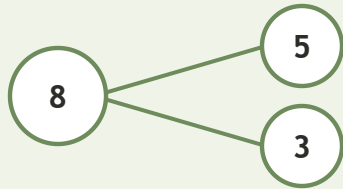
Equations • Find the Unknown

Objective: *Find the unknown wherever it sits in the equation.*

DO THIS The unknown is not always at the end. Find it wherever it is.

STRUCTURE Whole - part = the other part.

EXAMPLE



Whole 8, parts 5 and 3.

$$8 - 5 = \underline{3}$$

$$5 + \underline{3} = 8$$

SAME FAMILY, DIFFERENT BLANK Find the unknown in each position.

1 $64 - 48 = \square$

2 $58 - \square = 32$

INDEPENDENT PRACTICE Solve for the unknown.

1 $4924 - 1396 = \square$

2 $6721 - \square = 5701$

3 $\square - 1797 = 2271$

4 $23 \square$

5 $7815 - 4344 = \square$

6 $6735 - \square = 874$

7 $\square - 3099 = 2195$

8 $38 \square$

9 $6856 - 2978 = \square$

10 $8218 - \square = 6373$

The blank can be the: whole known part missing part

TEACHER EDITION

RELATIONAL SUBTRACTION

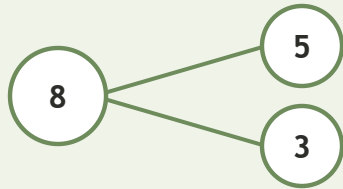
Equations • Find the Unknown

Objective: *Find the unknown wherever it sits in the equation.*

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STRUCTURE Whole – part = the other part.

EXAMPLE



Whole 8, parts 5 and 3.

$$8 - 5 = \underline{3}$$

$$5 + \underline{3} = 8$$

SAME FAMILY, DIFFERENT BLANK Find the unknown in each position.

1 $64 - 48 = \underline{16}$

2 $58 - \underline{26} = 32$

INDEPENDENT PRACTICE Solve for the unknown.

1 $4924 - 1396 = \underline{3528}$

2 $6721 - \underline{1020} = 5701$

3 $\underline{4068} - 1797 = 2271$

5 $7815 - 4344 = \underline{3471}$

6 $6735 - \underline{5861} = 874$

7 $\underline{5294} - 3099 = 2195$

9 $6856 - 2978 = \underline{3878}$

10 $8218 - \underline{1845} = 6373$

TEACHER NOTES Answer key & guidance

Answers: 3528, 1020, 4068, 5761, 3471, 5861, 5294, 7430, 3878, 1845

Strategy: Use the part-whole relationship

Common error: Assuming the unknown is always the result

Prompt: "Is the blank a whole or a part?"

The blank can be the: whole known part missing part