

RELATIONAL SUBTRACTION

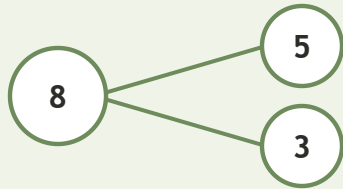
Equations • Find the Unknown

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 $100 - 85 = \square$

2 $81 - \square = 40$

INDEPENDENT PRACTICE Solve for the unknown.

1 $5271 - 4843 = \square$

2 $5042 - \square = 4527$

3 $\square - 920 = 3949$

4 $2480 - \square = 1532$

5 $4753 - 1449 = \square$

6 $5140 - \square = 1176$

7 $\square - 615 = 4186$

8 $3310 - \square = 2745$

9 $9570 - 4622 = \square$

10 $9888 - \square = 2107$

The blank can be the: whole known part missing part

TEACHER EDITION

RELATIONAL SUBTRACTION

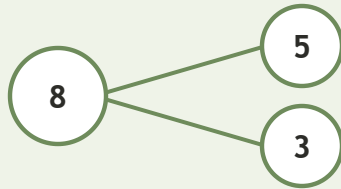
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Objective: *Find the unknown wherever it sits in the equation.*

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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 $100 - 85 = \underline{15}$

2 $81 - \underline{41} = 40$

INDEPENDENT PRACTICE Solve for the unknown.

1 $5271 - 4843 = \underline{428}$

2 $5042 - \underline{515} = 4527$

3 $\underline{4869} - 920 = 3949$

4

5 $4753 - 1449 = \underline{3304}$

6 $5140 - \underline{3964} = 1176$

7 $\underline{4801} - 615 = 4186$

8

9 $9570 - 4622 = \underline{4948}$

10 $9888 - \underline{7781} = 2107$

TEACHER NOTES Answer key & guidance

Answers: 428, 515, 4869, 3709, 3304, 3964, 4801, 1580, 4948, 7781

Common error: Assuming the unknown is always the result

Strategy: Use the part-whole relationship

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

The blank can be the: whole known part missing part