

RELATIONAL SUBTRACTION

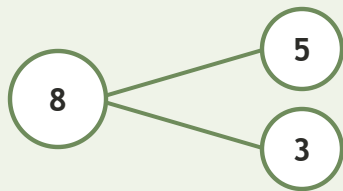
Equations • Find the Unknown

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 $16 - 6 = \square$

2 $16 - \square = 2$

3 $\square - 2 = 11$

4 $8 + \square = 16$

INDEPENDENT PRACTICE Solve for the unknown.

1 $13 - 9 = \square$

2 $17 - \square = 16$

3 $\square - 10 = 2$

4 $8 + \square = 14$

5 $12 - 4 = \square$

6 $13 - \square = 6$

The blank can be the: whole known part missing part

TEACHER EDITION

RELATIONAL SUBTRACTION

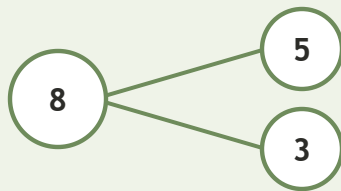
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SAME FAMILY, DIFFERENT BLANK Find the unknown in each position.

1 $16 - 6 = \underline{10}$

2 $16 - \underline{14} = 2$

3 $\underline{13} - 2 = 11$

4 $8 + \underline{8} = 16$

INDEPENDENT PRACTICE Solve for the unknown.

1 $13 - 9 = \underline{4}$

2 $17 - \underline{1} = 16$

3 $\underline{12} - 10 = 2$

4 $8 + \underline{6} = 14$

5 $12 - 4 = \underline{8}$

6 $13 - \underline{7} = 6$

TEACHER NOTES Answer key & guidance

Answers: 4, 1, 12, 6, 8, 7

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