

## RELATIONAL SUBTRACTION

Equations • Find the Unknown

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

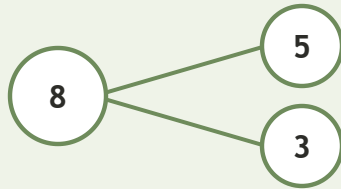
**DO THIS**

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  $62 - 44 = \square$

2  $57 - \square = 34$

**INDEPENDENT PRACTICE**

Solve for the unknown.

1  $7671 - 6776 = \square$

2  $5395 - \square = 2403$

3  $\square - 4671 = 1622$

4  $4824 + \square = 8983$

5  $8542 - 6287 = \square$

6  $9832 - \square = 4565$

7  $\square - 640 = 3555$

8  $4835 + \square = 6398$

9  $8001 - 1146 = \square$

10  $7014 - \square = 4794$

11  $\square - 4134 = 5795$

12  $1003 + \square = 7096$

The blank can be the:  whole  known part  missing part

TEACHER EDITION

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Equations • Find the Unknown

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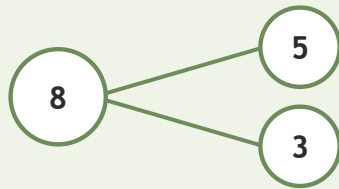
DO THIS

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  $62 - 44 = \underline{18}$

2  $57 - \underline{23} = 34$

INDEPENDENT PRACTICE

Solve for the unknown.

1  $7671 - 6776 = \underline{895}$

2  $5395 - \underline{2992} = 2403$

3  $\underline{6293} - 4671 = 1622$

4  $4824 + \underline{4159} = 8983$

5  $8542 - 6287 = \underline{2255}$

6  $9832 - \underline{5267} = 4565$

7  $\underline{4195} - 640 = 3555$

8  $4835 + \underline{1563} = 6398$

9  $8001 - 1146 = \underline{6855}$

10  $7014 - \underline{2220} = 4794$

11  $\underline{9929} - 4134 = 5795$

12  $1003 + \underline{6093} = 7096$

TEACHER NOTES

Answer key & guidance

Answers: 895, 2992, 6293, 4159, 2255, 5267, 4195, 1563, 6855, 2220

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