

RELATIONAL SUBTRACTION

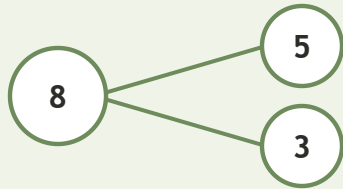
Equations • Find the Unknown

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 $67 - 9 = \square$

2 $89 - \square = 39$

INDEPENDENT PRACTICE Solve for the unknown.

1 $8010 - 4527 = \square$

2 $6748 - \square = 6122$

3 $\square - 1388 = 5813$

4 $1627 + \square = 5936$

5 $6797 - 2145 = \square$

6 $5507 - \square = 1180$

7 $\square - 1388 = 3722$

8 $2390 + \square = 5800$

9 $7362 - 3903 = \square$

10 $4677 - \square = 3676$

11 $\square - 870 = 5360$

12 $5899 + \square = 9316$

The blank can be the: whole known part missing part

TEACHER EDITION

RELATIONAL SUBTRACTION

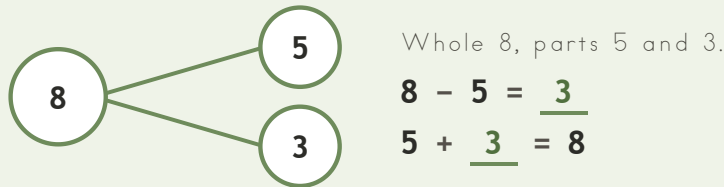
Equations • Find the Unknown

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

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

STRUCTURE Whole - part = the other part.

EXAMPLE



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

1 $67 - 9 = \underline{58}$

2 $89 - \underline{50} = 39$

INDEPENDENT PRACTICE Solve for the unknown.

1 $8010 - 4527 = \underline{3483}$

2 $6748 - \underline{626} = 6122$

3 $\underline{7201} - 1388 = 5813$

4 $1627 + \underline{4309} = 5936$

5 $6797 - 2145 = \underline{4652}$

6 $5507 - \underline{4327} = 1180$

7 $\underline{5110} - 1388 = 3722$

8 $2390 + \underline{3410} = 5800$

9 $7362 - 3903 = \underline{3459}$

10 $4677 - \underline{1001} = 3676$

11 $\underline{6230} - 870 = 5360$

12 $5899 + \underline{3417} = 9316$

TEACHER NOTES Answer key & guidance

Answers: 3483, 626, 7201, 4309, 4652, 4327, 5110, 3410, 3459, 1001

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