

RELATIONAL SUBTRACTION

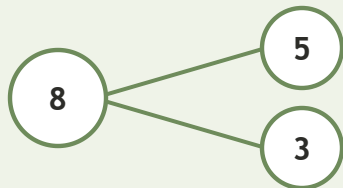
Equations • Find the Unknown

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 $67 - 41 = \square$

2 $54 - \square = 11$

INDEPENDENT PRACTICE Solve for the unknown.

1 $5501 - 2222 = \square$

2 $7042 - \square = 1535$

3 $\square - 4995 = 903$

4 $5438 + \square = 5892$

5 $9024 - 5397 = \square$

6 $8206 - \square = 2716$

7 $\square - 8030 = 894$

8 $6723 + \square = 8356$

9 $9625 - 5124 = \square$

10 $4613 - \square = 4138$

11 $\square - 6344 = 713$

12 $318 + \square = 4665$

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.*

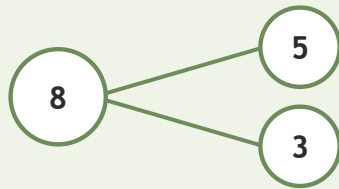
DO THIS

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

STRUCTURE

Whole - part = the other part.

EXAMPLE



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 $67 - 41 = \underline{26}$

2 $54 - \underline{43} = 11$

INDEPENDENT PRACTICE

Solve for the unknown.

1 $5501 - 2222 = \underline{3279}$

2 $7042 - \underline{5507} = 1535$

3 $\underline{5898} - 4995 = 903$

4 $5438 + \underline{454} = 5892$

5 $9024 - 5397 = \underline{3627}$

6 $8206 - \underline{5490} = 2716$

7 $\underline{8924} - 8030 = 894$

8 $6723 + \underline{1633} = 8356$

9 $9625 - 5124 = \underline{4501}$

10 $4613 - \underline{475} = 4138$

11 $\underline{7057} - 6344 = 713$

12 $318 + \underline{4347} = 4665$

TEACHER NOTES

Answer key & guidance

Answers: 3279, 5507, 5898, 454, 3627, 5490, 8924, 1633, 4501, 475

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