

RELATIONAL SUBTRACTION

Worksheet 5 • Apply the Relationship

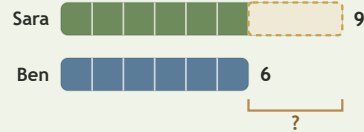
Objective: Find the relationship in pictures, bars, and stories.

DO THIS Decide what is known, what is changing, and what is missing.

EXAMPLE Decide what is changing. Then find the difference.

EXAMPLE

Sara has 9 shells. Ben has 6 shells. How many more does Sara have?



$$9 - 6 = \underline{3}$$


Sara has 3 more shells.


GUIDED PRACTICE Solve each subtraction situation.


Ruth had 12 marbles. She gave away 6. How many marbles are left?

1 


Liam needs 10 blocks. He already has 2. How many more are needed?


2  10


 2



Noah has 12 stickers. Hope has 10. How many more does Noah have?

3  12

 10



INDEPENDENT PRACTICE Solve the mixed problems.

1 $496 - 85 = \square$

2 $534 - \square = 317$

3 $\square - 234 = 238$

4 $662 - 607 = \square$

5 $438 - \square = 430$

6 $\square - 357 = 543$

7 $946 - 454 = \square$

8 $779 - \square = 14$

9 $\square - 558 = 244$

BUILD IT BACK Check by building the whole.

1 $11 + \square = 20$

2 $11 + \square = 16$

3 $11 + \square = 14$

This page showed: compare take away missing part

TEACHER EDITION

RELATIONAL SUBTRACTION

Worksheet 5 • Apply the Relationship

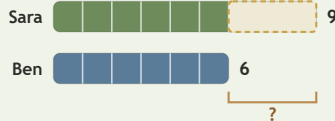
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$$9 - 6 = \underline{3}$$

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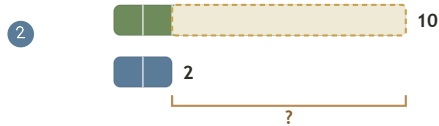
GUIDED PRACTICE Solve each subtraction situation.

Ruth had 12 marbles. She gave away 6. How many marbles are left?



6

Liam needs 10 blocks. He already has 2. How many more are needed?



8

Noah has 12 stickers. Hope has 10. How many more does Noah have?



2

INDEPENDENT PRACTICE Solve the mixed problems.

1 $496 - 85 = \underline{411}$

2 $534 - \underline{217} = 317$

3 $\underline{472} - 234 = 238$

4 $662 - 607 = \underline{55}$

5 $438 - \underline{8} = 430$

6 $\underline{900} - 357 = 543$

7 $946 - 454 = \underline{492}$

8 $779 - \underline{765} = 14$

9 $\underline{802} - 558 = 244$

BUILD IT BACK Check by building the whole.

1 $11 + \underline{9} = 20$

2 $11 + \underline{5} = 16$

3 $11 + \underline{3} = 14$

TEACHER NOTES Answer key & guidance

Answers: 411, 217, 472, 55, 8, 900, 492, 765, 802
Common error: Choosing an operation before interpreting the situation

Strategy: Name known, changing and missing quantities first
Prompt: "What is known, and what is missing?"

This page showed: compare take away missing part