

## RELATIONAL SUBTRACTION

Worksheet 5 • Apply the Relationship

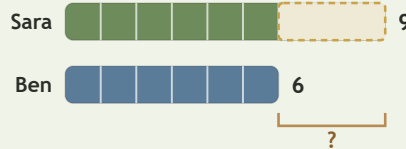
Objective: Find the relationship in pictures, bars, and stories.

**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?



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

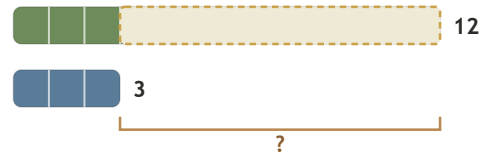
Sara has 3 more shells.

**GUIDED PRACTICE** Solve each subtraction situation.

Grace had 11 stamps. She gave away 7. How many stamps are left?




Noah needs 12 buttons. He already has 3. How many more are needed?




**INDEPENDENT PRACTICE** Solve the mixed problems.

1  $7077 - 3394 = \square$

2  $4172 - \square = 1538$

3  $\square - 1771 = 3699$

4  $9789 - 5881 = \square$

5  $9740 - \square = 5310$

6  $\square - 2955 = 3122$

7  $5031 - 1425 = \square$

8  $4297 - \square = 807$

9  $\square - 730 = 4484$

10  $5078 - 1117 = \square$

11  $6328 - \square = 1637$

12  $\square - 2062 = 3722$

**BUILD IT BACK** Check by building the whole.

1  $12 + \square = 19$

2  $4 + \square = 14$

3  $2 + \square = 13$

This page showed:  compare  take away  missing part

TEACHER EDITION

## RELATIONAL SUBTRACTION

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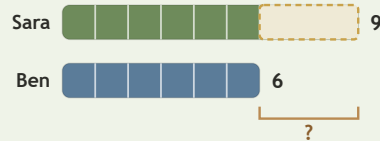
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**EXAMPLE**

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



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

Sara has 3 more shells.

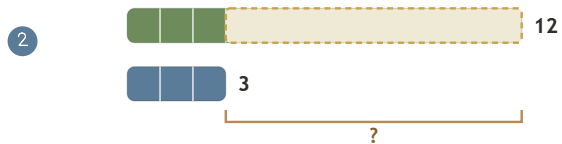
**GUIDED PRACTICE** Solve each subtraction situation.

Grace had 11 stamps. She gave away 7. How many stamps are left?



4

Noah needs 12 buttons. He already has 3. How many more are needed?



9

**INDEPENDENT PRACTICE** Solve the mixed problems.

1  $7077 - 3394 = \underline{3683}$

2  $4172 - \underline{2634} = 1538$

3  $\underline{5470} - 1771 = 3699$

4  $9789 - 5881 = \underline{3908}$

5  $9740 - \underline{4430} = 5310$

6  $\underline{6077} - 2955 = 3122$

7  $5031 - 1425 = \underline{3606}$

8  $4297 - \underline{3490} = 807$

9  $\underline{5214} - 730 = 4484$

10  $5078 - 1117 = \underline{3961}$

11  $6328 - \underline{4691} = 1637$

12  $\underline{5784} - 2062 = 3722$

**BUILD IT BACK** Check by building the whole.

1  $12 + \underline{7} = 19$

2  $4 + \underline{10} = 14$

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

**TEACHER NOTES** Answer key & guidance

Answers: 3683, 2634, 5470, 3908, 4430, 6077, 3606, 3490, 5214, 3961  
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