

## RELATIONAL SUBTRACTION

Worksheet 2 • Model the Difference

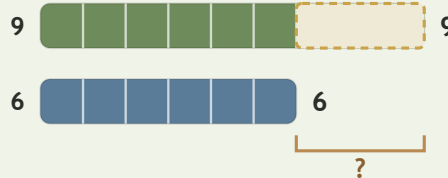
Objective: Use ten frames and bars to show the difference.

**DO THIS** Cross out the amount taken away, then write the difference.

**EXAMPLE** Cross out the part taken away, then write the equation.

**EXAMPLE**

Show 9, cross out 6:



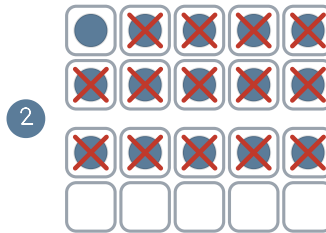
$$9 - 6 = \underline{3}$$

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

**GUIDED PRACTICE** Count the cells left uncrossed, then write the difference.



$18 - 8 = \square$



$15 - 9 = \square$

**INDEPENDENT PRACTICE** Write the equation.

1  $8744 - 5451 = \square$

2  $9183 - \square = 5819$

3  $6293 - 2404 = \square$

4  $9192 - \square = 5819$

5  $8478 - 1550 = \square$

6  $9004 - \square = 7927$

7  $4209 - 1639 = \square$

8  $6540 - \square = 5819$

9  $7547 - 5989 = \square$

10  $6957 - \square = 1705$

**BUILD IT BACK** Prove it by rebuilding the whole.

1  $12 + \square = 18$

2  $4 + \square = 14$

3  $5 + \square = 12$

I modeled with:  ten frames  bars  both

TEACHER EDITION

## RELATIONAL SUBTRACTION

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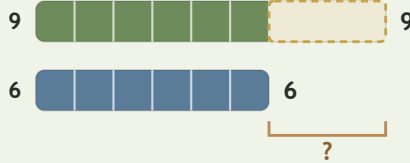
Objective: Use ten frames and bars to show the difference.

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**EXAMPLE** Cross out the part taken away, then write the equation.

**EXAMPLE**

Show 9, cross out 6:



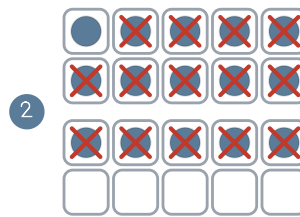
$$9 - 6 = \underline{3}$$

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

**GUIDED PRACTICE** Count the cells left uncrossed, then write the difference.



$18 - 8 = \underline{10}$



$15 - 9 = \underline{6}$

**INDEPENDENT PRACTICE** Write the equation.

1  $8744 - 5451 = \underline{3293}$

2  $9183 - \underline{3364} = 5819$

3  $6293 - 2404 = \underline{3889}$

4  $9192 - \underline{2468} = 6724$

5  $8478 - 1550 = \underline{6928}$

6  $9004 - \underline{1077} = 7927$

7  $4209 - 1639 = \underline{2570}$

8  $6540 - \underline{1252} = 5288$

9  $7547 - 5989 = \underline{1558}$

10  $6957 - \underline{5252} = 1705$

**BUILD IT BACK** Prove it by rebuilding the whole.

1  $12 + \underline{6} = 18$

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

3  $5 + \underline{7} = 12$

**TEACHER NOTES** Answer key & guidance

Answers: 3293, 3364, 3889, 2468, 6928, 1077, 2570, 121, 1558, 5252

Strategy: Cross out the part removed; count what is left

Common error: Crossing the wrong number of cells

Prompt: "How many cells are left uncrossed?"

I modeled with:  ten frames  bars  both