FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

RELATIONAL SUBTRACTION

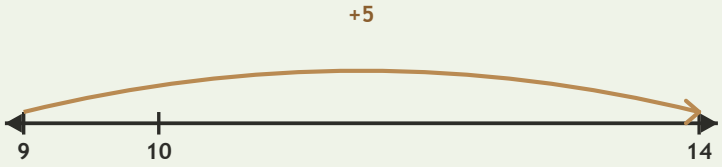
Worksheet 6 • Prove the Answer

Objective: *Solve the difference and check it with addition.*

DO THIS Solve. Rebuild. Check.

EXAMPLE Find the difference. Then build it back to prove your answer.

EXAMPLE



14 − 9 = 5

9 + 5 = 14

GUIDED PRACTICE Solve and prove.

1. 15 − 9 = ☐
   9 + ☐ = 15
2. 13 − 12 = ☐
   12 + ☐ = 13
3. 11 − 9 = ☐
   9 + ☐ = 11
4. 13 − 10 = ☐
   10 + ☐ = 13

INDEPENDENT PRACTICE Write the answer and the check.

1. 15 − 13 = ☐
   13 + ☐ = 15
2. 13 − 7 = ☐
   7 + ☐ = 13
3. 10 − 9 = ☐
   9 + ☐ = 10
4. 13 − 4 = ☐
   4 + ☐ = 13
5. 16 − 9 = ☐
   9 + ☐ = 16
6. 11 − 10 = ☐
   10 + ☐ = 11

BUILD IT BACK Fill in the missing part to rebuild the whole.

1. 14 + ☐ = 18
2. 9 + ☐ = 17
3. 6 + ☐ = 13

I remembered to: ☐ solve ☐ prove ☐ check

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TEACHER EDITION

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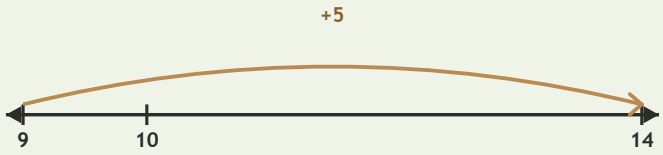

14 − 9 = 5
9 + 5 = 14

GUIDED PRACTICE

Solve and prove.

1. 15 − 9 = 6
   9 + 6 = 15
2. 13 − 12 = 1
   12 + 1 = 13
3. 11 − 9 = 2
   9 + 2 = 11
4. 13 − 10 = 3
   10 + 3 = 13

INDEPENDENT PRACTICE

Write the answer and the check.

1. 15 − 13 = 2
   13 + 2 = 15
2. 13 − 7 = 6
   7 + 6 = 13
3. 10 − 9 = 1
   9 + 1 = 10
4. 13 − 4 = 9
   4 + 9 = 13
5. 16 − 9 = 7
   9 + 7 = 16
6. 11 − 10 = 1
   10 + 1 = 11

BUILD IT BACK

Fill in the missing part to rebuild the whole.

1. 14 + 4 = 18
2. 9 + 8 = 17
3. 6 + 7 = 13

TEACHER NOTES

Answer key & guidance

Answers: 2, 6, 1, 9, 7, 1
Common error: Accepting the answer without reconstructing the whole

Strategy: Solve, then add the part back to the difference
Prompt: "Does your check rebuild the original number?"

I remembered to: ☐ solve ☐ prove ☐ check