FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

RELATIONAL SUBTRACTION

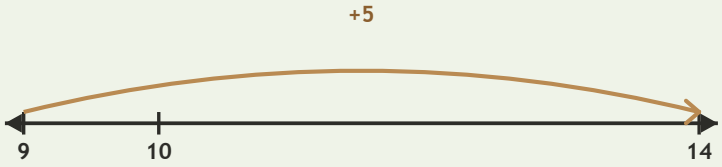
Worksheet 6 • Prove the Answer

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. 20 − 17 = ☐
   17 + ☐ = 20
2. 10 − 8 = ☐
   8 + ☐ = 10
3. 19 − 12 = ☐
   12 + ☐ = 19
4. 14 − 2 = ☐
   2 + ☐ = 14

INDEPENDENT PRACTICE Write the answer and the check.

1. 13 − 3 = ☐
   3 + ☐ = 13
2. 16 − 14 = ☐
   14 + ☐ = 16
3. 9 − 8 = ☐
   8 + ☐ = 9
4. 11 − 6 = ☐
   6 + ☐ = 11
5. 15 − 5 = ☐
   5 + ☐ = 15
6. 12 − 7 = ☐
   7 + ☐ = 12

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

1. 9 + ☐ = 10
2. 14 + ☐ = 20
3. 2 + ☐ = 12

I remembered to: ☐ solve ☐ prove ☐ check

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TEACHER EDITION

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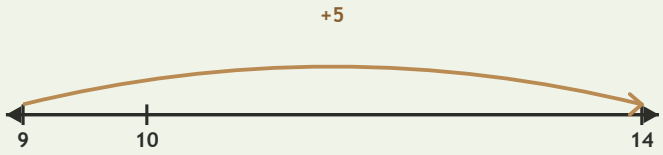

14 − 9 = 5
9 + 5 = 14

GUIDED PRACTICE Solve and prove.

1. 20 − 17 = 3
   17 + 3 = 20
2. 10 − 8 = 2
   8 + 2 = 10
3. 19 − 12 = 7
   12 + 7 = 19
4. 14 − 2 = 12
   2 + 12 = 14

INDEPENDENT PRACTICE Write the answer and the check.

1. 13 − 3 = 10
   3 + 10 = 13
2. 16 − 14 = 2
   14 + 2 = 16
3. 9 − 8 = 1
   8 + 1 = 9
4. 11 − 6 = 5
   6 + 5 = 11
5. 15 − 5 = 10
   5 + 10 = 15
6. 12 − 7 = 5
   7 + 5 = 12

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

1. 9 + 1 = 10
2. 14 + 6 = 20
3. 2 + 10 = 12

TEACHER NOTES Answer key & guidance

Answers: 10, 2, 1, 5, 10, 5
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