FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

RELATIONAL SUBTRACTION

Multi-Step • Track the Change

Objective: *Track a quantity through two changes to a final amount.*

DO THIS Track the quantity through each change. Write one equation per step.

WORKED EXAMPLE Solve one step at a time. Keep each new total.

EXAMPLE

Maya had 88 stickers. She gave away 27, then gave away 19 more.

88 − 27 = ☐

61 − 19 = ☐

Left: ____

TRACK THE CHANGE Write one equation per step, then the final amount.

1

Ben had 85 beads. Gave away 15, then 30 more. How many are left?

Step 1 **85 − 15 =** ☐ → Step 2 ☐

70 − 30 = ☐

2

Ava had 71 stickers. Gave away 6, then 11 more. How many are left?

Step 1 **71 − 6 =** ☐ → Step 2 ☐

65 − 11 = ☐

3

Sam had 81 marbles. Gave away 23, then 18 more. How many are left?

Step 1 **81 − 23 =** ☐ → Step 2 ☐

58 − 18 = ☐

4

Ben had 86 marbles. Gave away 6, then 10 more. How many are left?

Step 1 **86 − 6 =** ☐ → Step 2 ☐

80 − 10 = ☐

CHECK Does the final amount make sense? ○ yes ○ re-check

My final answer is reasonable because it is ____ than the start.

I tracked: ☐ each step ☐ only the end ☐ with a diagram

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Name: _____

TEACHER EDITION

RELATIONAL SUBTRACTION

Multi-Step • Track the Change

Objective: *Track a quantity through two changes to a final amount.*

DO THIS Track the quantity through each change. Write one equation per step.

WORKED EXAMPLE Solve one step at a time. Keep each new total.

EXAMPLE

Maya had 88 stickers. She gave away 27, then gave away 19 more.

88 − 27 = 61

61 − 19 = 42

Left: 42

TRACK THE CHANGE Write one equation per step, then the final amount.

1

Ben had 85 beads. Gave away 15, then 30 more. How many are left?

Step 1 **85 − 15 = 70** → Step 2 — 40

70 − 30 = 40

2

Ava had 71 stickers. Gave away 6, then 11 more. How many are left?

Step 1 **71 − 6 = 65** → Step 2 — 54

65 − 11 = 54

3

Sam had 81 marbles. Gave away 23, then 18 more. How many are left?

Step 1 **81 − 23 = 58** → Step 2 — 40

58 − 18 = 40

4

Ben had 86 marbles. Gave away 6, then 10 more. How many are left?

Step 1 **86 − 6 = 80** → Step 2 — 70

80 − 10 = 70

CHECK Does the final amount make sense? ○ yes ○ re-check

My final answer is reasonable because it is ___ than the start.

TEACHER NOTES Answer key & guidance

Answers: 40; 54; 40; 70

Common error: Subtracting both changes from the start at once

Strategy Prompt: Carry the running total into the next step "What is the new total after step 1?"

I tracked: ☐ each step ☐ only the end ☐ with a diagram