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 85 stickers. She gave away 6, then gave away 44 more.

85 − 6 = ☐

79 − 44 = ☐

Left: ____

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

1

Eli had 87 stickers. Gave away 16, then 44 more. How many are left?

Step 1 **87 − 16 =** ☐ → Step 2 ☐

71 − 44 = ☐

2

Ava had 65 beads. Gave away 19, then 40 more. How many are left?

Step 1 **65 − 19 =** ☐ → Step 2 ☐

46 − 40 = ☐

3

Eli had 90 beads. Gave away 15, then 34 more. How many are left?

Step 1 **90 − 15 =** ☐ → Step 2 ☐

75 − 34 = ☐

4

Ben had 100 beads. Gave away 32, then 59 more. How many are left?

Step 1 **100 − 32 =** ☐ ☐

→ Step 2 **68 − 59 =** ☐

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 85 stickers. She gave away 6, then gave away 44 more.

85 − 6 = 79

79 − 44 = 35

Left: 35

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

1

Eli had 87 stickers. Gave away 16, then 44 more. How many are left?

Step 1 **87 − 16 = 71** → Step 2

71 − 44 = 27

27

2

Ava had 65 beads. Gave away 19, then 40 more. How many are left?

Step 1 **65 − 19 = 46** → Step 2

46 − 40 = 6

6

3

Eli had 90 beads. Gave away 15, then 34 more. How many are left?

Step 1 **90 − 15 = 75** → Step 2

75 − 34 = 41

41

4

Ben had 100 beads. Gave away 32, then 59 more. How many are left?

Step 1 **100 − 32 = 68** → Step 2

68 − 59 = 9

9

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: 27; 6; 41; 9

Common error: Subtracting both changes from the start at once

Strategy: Carry the running total into the next step

Prompt: "What is the new total after step 1?"

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