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 813 stickers. She gave away 62, then gave away 355 more.

813 − 62 = ☐

751 − 355 = ☐

Left: ____

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

1

Eli had 728 beads. Gave away 227, then 322 more. How many are left?

Step 1 **728 − 227 =** ☐ ☐

→ Step 2 **501 − 322 =** ☐

2

Eli had 528 stickers. Gave away 47, then 251 more. How many are left?

Step 1 **528 − 47 =** ☐ ☐

→ Step 2 **481 − 251 =** ☐

3

Eli had 652 beads. Gave away 31, then 258 more. How many are left?

Step 1 **652 − 31 =** ☐ ☐

→ Step 2 **621 − 258 =** ☐

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 813 stickers. She gave away 62, then gave away 355 more.

813 − 62 = 751

751 − 355 = 396

Left: 396

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

1

Eli had 728 beads. Gave away 227, then 322 more. How many are left?

Step 1 **728 − 227 = 501**

→ Step 2 **501 − 322 = 179**

179

2

Eli had 528 stickers. Gave away 47, then 251 more. How many are left?

Step 1 **528 − 47 = 481** → Step 2

481 − 251 = 230

230

3

Eli had 652 beads. Gave away 31, then 258 more. How many are left?

Step 1 **652 − 31 = 621** → Step 2

621 − 258 = 363

363

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: 179; 230; 363

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