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 924 stickers. She gave away 303, then gave away 365 more.

924 − 303 = ☐

621 − 365 = ☐

Left: ____

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

1

Eli had 582 coins. Gave away 50, then 220 more. How many are left?

Step 1 **582 − 50 =** ☐ ☐

→ Step 2 **532 − 220 =** ☐

2

Ben had 821 marbles. Gave away 170, then 560 more. How many are left?

Step 1 **821 − 170 =** ☐ ☐

→ Step 2 **651 − 560 =** ☐

3

Ben had 836 stickers. Gave away 260, then 256 more. How many are left?

Step 1 **836 − 260 =** ☐ ☐

→ Step 2 **576 − 256 =** ☐

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 924 stickers. She gave away 303, then gave away 365 more.

924 − 303 = 621

621 − 365 = 256

Left: 256

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

1

Eli had 582 coins. Gave away 50, then 220 more. How many are left?

Step 1 **582 − 50 = 532** → Step 2 **532 − 220 = 312** [312]

2

Ben had 821 marbles. Gave away 170, then 560 more. How many are left?

Step 1 **821 − 170 = 651** → Step 2 **651 − 560 = 91** [91]

3

Ben had 836 stickers. Gave away 260, then 256 more. How many are left?

Step 1 **836 − 260 = 576** → Step 2 **576 − 256 = 320** [320]

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: 312; 91; 320
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