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 874 stickers. She gave away 193, then gave away 113 more.

874 − 193 = ☐

681 − 113 = ☐

Left: ____

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

1

Sam had 792 cards. Gave away 50, then 721 more. How many are left?

Step 1 **792 − 50 =** ☐ ☐

→ Step 2 **742 − 721 =** ☐

2

Ben had 702 coins. Gave away 192, then 52 more. How many are left?

Step 1 **702 − 192 =** ☐ ☐

→ Step 2 **510 − 52 =** ☐

3

Ben had 935 coins. Gave away 76, then 12 more. How many are left?

Step 1 **935 − 76 =** ☐ ☐

→ Step 2 **859 − 12 =** ☐

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

FAITH THINKERS
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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 874 stickers. She gave away 193, then gave away 113 more.

874 − 193 = 681

681 − 113 = 568

Left: 568

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

1

Sam had 792 cards. Gave away 50, then 721 more. How many are left?

Step 1 **792 − 50 = 742** → Step 2 **742 − 721 = 21** 21

2

Ben had 702 coins. Gave away 192, then 52 more. How many are left?

Step 1 **702 − 192 = 510** → Step 2 **510 − 52 = 458** 458

3

Ben had 935 coins. Gave away 76, then 12 more. How many are left?

Step 1 **935 − 76 = 859** → Step 2 **859 − 12 = 847** 847

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: 21; 458; 847

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