FAITH THINKERS
Traditional Arithmetic & Logic

Name: _____

RELATIONAL SUBTRACTION

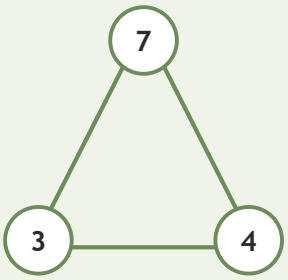
Worksheet 3 • Connect the Number Family

Objective: *Use addition and subtraction facts that belong together.*

DO THIS Use the three numbers to write the whole fact family.

EXAMPLE Use the same numbers to complete every related equation.

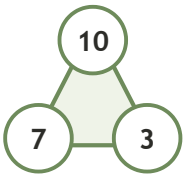
EXAMPLE



3 + 4 = 7
4 + 3 = 7
7 − 3 = 4
7 − 4 = 3

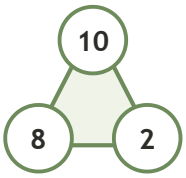
GUIDED PRACTICE Complete each fact family.

1



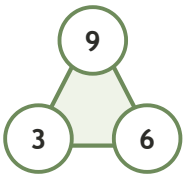
7 + 3 = ☐
3 + 7 = ☐
10 − 7 = ☐
10 − 3 = ☐

2



8 + 2 = ☐
2 + 8 = ☐
10 − 8 = ☐
10 − 2 = ☐

3



3 + 6 = ☐
6 + 3 = ☐
9 − 3 = ☐
9 − 6 = ☐

INDEPENDENT PRACTICE Write the missing fact.

1. 19 − ☐ = 14
2. ☐ − 3 = 12
3. 9 − 5 = ☐

BUILD IT BACK Prove the subtraction with addition.

1. 8 − 6 = ☐
   Check: 6 + ☐ = 8
2. 19 − 14 = ☐
   Check: 14 + ☐ = 19
3. 15 − 10 = ☐
   Check: 10 + ☐ = 15

I connected: ☐ addition ☐ subtraction ☐ both

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TEACHER EDITION

RELATIONAL SUBTRACTION

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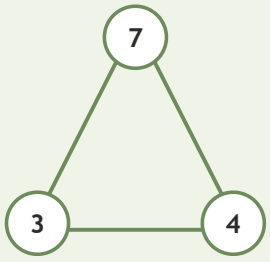
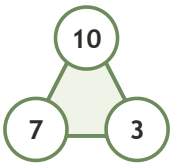


3 + 4 = 7
4 + 3 = 7
7 − 3 = 4
7 − 4 = 3

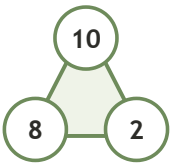
GUIDED PRACTICE Complete each fact family.

1



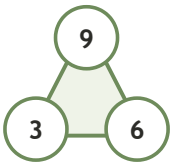
7 + 3 = 10
3 + 7 = 10
10 − 7 = 3
10 − 3 = 7

2



8 + 2 = 10
2 + 8 = 10
10 − 8 = 2
10 − 2 = 8

3



3 + 6 = 9
6 + 3 = 9
9 − 3 = 6
9 − 6 = 3

INDEPENDENT PRACTICE Write the missing fact.

1. 19 − 5 = 14
2. 15 − 3 = 12
3. 9 − 5 = 4

BUILD IT BACK Prove the subtraction with addition.

1. 8 − 6 = 2
   Check: 6 + 2 = 8
2. 19 − 14 = 5
   Check: 14 + 5 = 19
3. 15 − 10 = 5
   Check: 10 + 5 = 15

TEACHER NOTES Answer key & guidance

Answers: 5, 15, 4
Common error: Treating addition and subtraction as unrelated rules
Strategy: Part + part = whole; whole − part = part
Prompt: "What whole do these two parts build?"

I connected: ☐ addition ☐ subtraction ☐ both