

## RELATIONAL SUBTRACTION

Fluency • Related Subtraction Facts

Objective: *Build quick, accurate recall using related facts.*

**DO THIS** Complete each set of related facts. Look for the pattern.

**STRATEGY** Notice how related facts connect.

**STRATEGY** Same whole → as the part grows, the difference shrinks.

$$10 - 3 = \underline{7} \quad 10 - 4 = \underline{6}$$

**FACT SETS** Complete each set of related facts.

Whole = 20

$20 - 3 = \square$

$20 - 8 = \square$

$20 - 16 = \square$

$20 - 18 = \square$

Whole = 18

$18 - 4 = \square$

$18 - 5 = \square$

$18 - 15 = \square$

$18 - 17 = \square$

Whole = 17

$17 - 4 = \square$

$17 - 8 = \square$

$17 - 12 = \square$

$17 - 15 = \square$

What stayed the same?  the whole  the part  the difference

**ACCURACY CHECK** Record how you did.

Correct:  Corrected:  Strategy used: \_\_\_\_\_

TEACHER EDITION

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$$10 - 3 = \underline{7} \quad 10 - 4 = \underline{6}$$

**FACT SETS** Complete each set of related facts.

Whole = 20

$20 - 3 = \underline{17}$

$20 - 8 = \underline{12}$

$20 - 16 = \underline{4}$

$20 - 18 = \underline{2}$

Whole = 18

$18 - 4 = \underline{14}$

$18 - 5 = \underline{13}$

$18 - 15 = \underline{3}$

$18 - 17 = \underline{1}$

Whole = 17

$17 - 4 = \underline{13}$

$17 - 8 = \underline{9}$

$17 - 12 = \underline{5}$

$17 - 15 = \underline{2}$

**TEACHER NOTES** Answer key & guidance

Answers: see grid  
Common error: Random recall instead of using a related fact

Strategy: Group by shared whole; use known facts  
Prompt: "Which fact do you already know that helps?"

What stayed the same?  the whole  the part  the difference

**ACCURACY CHECK** Record how you did.

Correct:  Corrected:  Strategy used: \_\_\_\_\_