

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

$20 - 2 = \square$

$20 - 7 = \square$

$20 - 11 = \square$

$20 - 15 = \square$

Whole = 18

$18 - 3 = \square$

$18 - 4 = \square$

$18 - 6 = \square$

$18 - 10 = \square$

Whole = 12

$12 - 2 = \square$

$12 - 8 = \square$

$12 - 10 = \square$

$12 - 11 = \square$

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

$20 - 2 = \underline{18}$

$20 - 7 = \underline{13}$

$20 - 11 = \underline{9}$

$20 - 15 = \underline{5}$

Whole = 18

$18 - 3 = \underline{15}$

$18 - 4 = \underline{14}$

$18 - 6 = \underline{12}$

$18 - 10 = \underline{8}$

Whole = 12

$12 - 2 = \underline{10}$

$12 - 8 = \underline{4}$

$12 - 10 = \underline{2}$

$12 - 11 = \underline{1}$

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: _____