GRADE 6 MATH · CLASSWORK · SPECIAL ED

Solve Addition Equations with Fractions

SCORE / 25

01 Part A · Practice

Solve $x + p = q$ by subtracting p from both sides; use a common denominator when needed.

EXAMPLE

Solve $x + \frac{1}{4} = \frac{5}{6}$.

1. Subtract $\frac{1}{4}$ from both sides.
2. Common denominator 12: $\frac{10}{12} - \frac{3}{12}$.
3. $x = \frac{7}{12}$

WORDS TO KNOW

common denominator	the same bottom number for two fractions
mixed number	a whole number and a fraction, like $2\frac{1}{3}$
inverse operation	subtraction undoes addition

1 ●○○ Is $c = \frac{13}{20}$ a solution of $c + \frac{3}{10} = \frac{9}{10}$?

Show how you know.

HINT Add $\frac{13}{20} + \frac{3}{10}$ and compare with $\frac{9}{10}$.

2 ●○○ Solve. $h + \frac{5}{6} = 1$

HINT Subtract $\frac{5}{6}$ from both sides.

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Preview - the full worksheet and its answer key are at primeworksheet.com