

Algebra /

Solving a rational equation that simplifies to linear: Denominators...

$$\frac{7}{2w} = \frac{w}{6} + \frac{2}{3w}$$

$$21 = w + 4$$

$$-4$$

$$\boxed{17 = w}$$

Solve for w. $\frac{LCD}{6w}$

- ① Find LCD
- ② Multiply everything by LCD

#RationalExpressions