Algebra 1 Solve these after your equation quiz.

1. Multiply both sides of the equation by 15 then finish solving.

$$\frac{2}{15} - \frac{7}{15}C = \frac{16}{15}$$

2. Multiply both sides of the equation by 9 then finish solving.

$$\frac{4}{3} + \frac{7}{9}Q = 8$$

3. Multiply both sides of the equation by 24 then finish solving.

$$\frac{7}{4} + \frac{11}{8}K = \frac{5}{12}$$

Algebra 1 Solve these after your equation quiz. Answers

1. Multiply both sides of the equation by 15 then finish solving.

$15\left(\frac{2}{15} - \frac{7}{15}C\right) = \left(\frac{16}{15}\right)15 \rightarrow 2 - 7C = 16$

$-2 \quad -2$

$-7C = 14$

$\frac{-7C}{-7} = \frac{14}{-7}$

$C = -2$

2. Multiply both sides of the equation by 9 then finish solving.

$9\left(\frac{4}{3} + \frac{7}{9}Q\right) = (8)9$

$12 + 7Q = 72$

$-12 \quad -12$

$\frac{7Q}{7} = \frac{60}{7}$

$Q = \frac{60}{7}$

3. Multiply both sides of the equation by 24 then finish solving.

$24\left(\frac{7}{4} + \frac{11}{8}K\right) = \left(\frac{5}{12}\right)24$

$42 + 33K = 10$

$-42 \quad -42$

$\frac{33K}{33} = \frac{-32}{33}$

$K = -32/33$