

Year 7 Two-Step Equations with Fractions

Question 1

Simplify the following:

a. $\frac{x+6}{5} = 2$	b. $\frac{a-5}{3} = 6$
c. $\frac{m+4}{5} = 2$	d. $\frac{6+y}{3} = 1$
e. $\frac{n-6}{2} = 7$	f. $\frac{a-1}{4} = 6$
g. $\frac{b+9}{8} = 10$	h. $\frac{7+x}{5} = 9$
i. $\frac{3+j}{6} = 5$	j. $\frac{a-8}{7} = 8$
k. $\frac{e+2}{9} = 6$	l. $\frac{y-11}{2} = 3$

Question 2

Simplify the following:

a. $\frac{y}{2} + 8 = 15$	b. $\frac{d}{5} - 3 = 3$
c. $-8 + \frac{x}{5} = 12$	d. $6 + \frac{c}{2} = 12$
e. $-10 + \frac{a}{6} = 2$	f. $\frac{u}{4} - 2 = -6$
g. $\frac{x}{8} + 3 = 10$	h. $9 + \frac{k}{5} = 12$
i. $\frac{w}{6} - 1 = 5$	j. $8 + \frac{y}{7} = -5$
k. $\frac{e}{9} + 2 = 6$	l. $\frac{m}{11} - 4 = -7$