LINEAR EQUATIONS

TWO-STEP QUESTIONS

NO CALCULATOR

Ref: G241.2S1

A1 Solve $4x+7=12$	**A2** Solve $4(x+7)=12$	**A3** Solve $\frac{x}{2}-5=14$	**A4** Solve $\frac{x-5}{2}=14$
B1 Solve $\frac{x+7}{9}=12$	**B2** Solve $\frac{x}{9}+7=12$	**B3** Solve $5x-3=20$	**B4** Solve $8(x+15)=32$
C1 Solve $\frac{x}{3}+17=6$	**C2** Solve $\frac{x+17}{3}=6$	**C3** Solve $5(x-3)=20$	**C4** Solve $8x+15=32$
D1 Solve $3(x-11)=14$	**D2** Solve $3x-11=14$	**D3** Solve $\frac{x-4}{7}=11$	**D4** Solve $\frac{x}{7}-4=11$

LINEAR EQUATIONS

TWO-STEP QUESTIONS

NO CALCULATOR

Ref: G241.2S1

A1 Solve $4x+7=12$ $4x=5$ $x=\frac{5}{4}$ $\left(=1\frac{1}{4}\right)$	**A2** Solve $4(x+7)=12$ $x+7=3$ $x=-4$	**A3** Solve $\frac{x}{2}-5=14$ $\frac{x}{2}=19$ $x=38$	**A4** Solve $\frac{x-5}{2}=14$ $x-5=28$ $x=33$
B1 Solve $\frac{x+7}{9}=12$ $x+7=108$ $x=101$	**B2** Solve $\frac{x}{9}+7=12$ $\frac{x}{9}=5$ $x=45$	**B3** Solve $5x-3=20$ $5x=23$ $x=\frac{23}{5}$ $\left(=4\frac{3}{5}\right)$	**B4** Solve $8(x+15)=32$ $x+15=4$ $x=-11$
C1 Solve $\frac{x}{3}+17=6$ $\frac{x}{3}=-11$ $x=-33$	**C2** Solve $\frac{x+17}{3}=6$ $x+17=18$ $x=1$	**C3** Solve $5(x-3)=20$ $x-3=4$ $x=7$	**C4** Solve $8x+15=32$ $8x=17$ $x=\frac{17}{8}$ $\left(=2\frac{1}{8}\right)$
D1 Solve $3(x-11)=14$ $x-11=4\frac{2}{3}$ $x=15\frac{2}{3}$	**D2** Solve $3x-11=14$ $3x=25$ $x=\frac{25}{3}$ $\left(=8\frac{1}{3}\right)$	**D3** Solve $\frac{x-4}{7}=11$ $x-4=77$ $x=81$	**D4** Solve $\frac{x}{7}-4=11$ $\frac{x}{7}=15$ $x=105$