

Trajectory: Algebra

1. Early finishers: In the following two problems, solve for the value of x .

(a) $2x + 3 = x + 9$

(b) $\frac{1}{2}(11 - x) = 5$

2. Given the linear function $f(x) = 3x + 4$.

(a) Find $f(0)$

(b) $f(x) = 10$. Find x .

3. Given $x^2 + 6x + 5 = 0$. Factor and find the roots.