Geometry

Unit 3 Algebraic Proofs B

Name:

Date: Period:

Proof 1

Given: $4x + 32 = 6x + 42$

Prove: $x = -5$

Statement	Reason

Proof 2

Given: $2(4x + 3) = 22$

Prove: $x = 2$

Statement	Reason

Proof 3

Given: $5x + 2(3x + 7) = 47$

Prove: $x = 2$

Statement	Reason

Proof 4

Given: $-4 (5x - 6) = 4 (x - 8)$

Prove: $x = 7 / 3$

Statement	Reason