

ALGEBRA VIDEO 6 Worksheet Name _____

ALGEBRA **Instructional** Lesson 1
Solving math problems using Algebraic Logic

Find the value of X if both sides balance.
 $2X + X - X + 2 = X + 12$

ANSWER

$$XX + X - X + 2 = X + 10 + 2$$



X = _____
Answer



ALGEBRA Lesson 2
Solving math problems using Algebraic Logic

Find the value of X if both sides balance.
 $4 + 3X - 2X + 8 = 2X + 10$

ANSWER

$$4 + XXX - XX + 8 = XX + 10$$



X = _____
Answer



ALGEBRA Lesson 3
Solving math problems using Algebraic Logic

Find the value of X if both sides balance.
 $2X + 8 + X = 2X + 8$

ANSWER

$$XX + 8 + X = XX + 10 + 8$$



X = _____
Answer



ALGEBRA Lesson 4
Solving math problems using Algebraic Logic

Find the value of X if both sides balance.
 $4X = 2X + 8$

ANSWER

$$XXXX = XX + 8$$



X = _____
Answer

