

# VIDEO 4 ALGEBRA-2 Worksheet Name \_\_\_\_\_

ALGEBRA Lesson 1  
Solving math problems using Algebraic Logic

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

ANSWER

$$X X X = X X + 4$$



X = \_\_\_\_\_  
Answer



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ALGEBRA Lesson 2  
Solving math problems using Algebraic Logic

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

ANSWER

$$X X X + 3 = X X + 10$$



X = \_\_\_\_\_  
Answer



ALGEBRA Lesson 3  
Solving math problems using Algebraic Logic

Find the value of X if both sides balance.  
 $4X + 5 = 2X + 9$

ANSWER

$$X X X X + 5 = X X + 9$$



X = \_\_\_\_\_  
Answer



ALGEBRA Lesson 4  
Solving math problems using Algebraic Logic

Find the value of X if both sides balance.  
 $3X + 5 = 2X + 15$

ANSWER

$$X X X + 5 = X X + 10 5$$



X = \_\_\_\_\_  
Answer

