
MATHCOUNTS®

2017
■ Chapter Competition ■
Target Round
Problems 5 & 6

Name _____

School _____

DO NOT BEGIN UNTIL YOU ARE INSTRUCTED TO DO SO.

Problem 5	Problem 6	Scorer's Initials



2017 MATHCOUNTS
National Competition Sponsor

NATIONAL SPONSORS
Raytheon Company
Northrop Grumman Foundation
U.S. Department of Defense
National Society of Professional Engineers
CNA Foundation
Phillips 66
Texas Instruments Incorporated
3Mgives
Art of Problem Solving
NextThought

FOUNDING SPONSORS: National Society of Professional Engineers, National Council of Teachers of Mathematics and CNA Foundation

Copyright MATHCOUNTS, Inc. 2016. All rights reserved.

	0
	1
	2
	3
	4
	5
	6
	7
	8
	9

5. _____ pounds A bundle of 25 one-dollar bills weighs $\frac{9}{10}$ of an ounce. How many **pounds** would 4000 one-dollar bills weigh?

6. _____ All elements of the sequence $a, b, c, d, 6$ are positive integers, and $a > b$. Each of the last three terms is the average of the previous two terms. What is the value of a ?