

z	3	Use the "guess and check" method to solve these problems:
4	11	(1) Guess an answer that meets one of the conditions.(2) Check your guess to see if it meets the other condition.Find each correct answer and cross out the letter next to it. When you finish,
Œ	4	the answer to the title question will remain.
H	60	 Sum of two numbers = 15 Sum of two numbers = 16
ш	54	Difference of the numbers = 3 Difference of the numbers = 6
<	34	Find the numbers. What is their product? Find the numbers. What is their product?
S	5	3. Sum of two numbers = 134. Sum of two numbers = 11
\supset	15	Difference of the numbers = 1 Product of the numbers = 24 Find the numbers.
B	28	What is the larger number? What is their difference?
>	2	 5. Sum of two numbers = 14 Product of the numbers = 40 Sum of two numbers = 15 Product of the numbers = 36
⋖	80	Find the numbers. Find the numbers.
	75	What is their difference? What is the smaller number?
ပ	10	7. The Vampires played 20 games.8. Zarina said, "The sum of my age and my father's age is 50.
z	13 [^]	than it lost. How many games The product of our ages is 400.' did the Vampires win? How old is Zarina?
ш	12	9. Ernie has twice as many 10. Tommy said, "My mommy is 4
Σ	6	stickers as Bert. Together they times as old as I am. The sum
A	92	have 90 stickers. How many of our ages is 40." How old is stickers does Ernie have? Tommy's mommy?
0	55	11. Henry's sister is 3 years 12. Dad is twice as old as Junior.
	20	younger than Henry. The Gramps is twice as old as Dad. product of their ages is 180. The sum of the three ages is
ပ	17	How old is Henry?
4	64	13. The Cyclone Coaster has 1614. A math teacher drove past a farmyard full of chickens and
	32	passengers and some hold 3 pigs. The teacher noticed that
	7	passengers. If there is room for there were a total of 30 heads and 100 legs. How many pigs cars hold 3 passengers? were there?
	15. 4.2.4.7	Caramold bassengers:

MIDDLE SCHOOL MATH WITH PIZZAZZ! BOOK B
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B-7 TOPIC 1-a: Problem Solving Strategy: Guess and Check