

Problem Solving with Bags of Marbles

Use the *Math Practices* page, number lines, cubes, the *100 Chart*, and ten frames to solve the problems.

1. **A.** Maria had 80 marbles. Tony bought some of the marbles. Now Maria has 30 marbles. How many marbles did Tony buy?

number sentence

- B.** How do you know your answer is reasonable?

2. In the morning Tony had some marbles in bags of 10. Later he sold 50 marbles. Now he has 20 marbles left. How many marbles did he have at the beginning? Show or tell how you solved the problem.

number sentence

3. Maria had 90 marbles. She sold 30 in the morning and 30 in the afternoon. How many marbles did she have at the end of the day? Show or tell how you solved the problem.

number sentence

Name _____ Date _____

Problem Solving with Bags of Marbles Feedback Box

	Expectation	Check In	Comments
Represent addition and subtraction using number sentences. [Q# 1A, 2–3]	E3		
Solve addition and subtraction problems involving multiples of ten. [Q# 1–3]	E7		

	Yes . . .	Yes, but . . .	No, but . . .	No . . .
MPE1. Know the problem. I read the problem carefully. I know the questions to answer and what information is important. [Q# 1–3]				
MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem. [Q# 1–3]				
MPE3. Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again. [Q# 1B]				
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my think. [Q# 2–3]				