Section B: Practice Problems

1. Mai and Tyler were playing "Target Number Addition."

   a. Mai rolled 6 sixes. How close can Mai get to 1 without going over?

   b. Tyler rolled 6 fours. How close can Tyler get to 1 without going over?

(From Unit 5, Lesson 11.)

2. a. Which whole number is $3.62 + 1.49$ closest to? Explain or show your reasoning.

   b. Find the value of $3.62 + 1.49$.

(From Unit 5, Lesson 12.)

3. Find the value of the expression $215.7 + 64.94$.

(From Unit 5, Lesson 13.)

4. a. Which whole number is $9.36 - 6.52$ closest to? Explain or show your reasoning.

b. Find the value of $9.36 - 6.52$.

(From Unit 5, Lesson 14.)

5. a. Here is how Elena found the value of $15.37 - 8.19$.

$$\begin{array}{r} {\scriptstyle 15\ \ 2\ 17} \\ \cancel{1}\ \cancel{5}.\ \cancel{3}\ \cancel{7} \\ -\ \ 8.\ 1\ 9 \\ \hline 7.\ 1\ 8 \end{array}$$

Explain Elena's calculations and the meaning of the 15 above the 5 and the 17 above the 7 in 15.37.

b. Use Elena's algorithm to calculate $52.63 - 17.55$.

(From Unit 5, Lesson 15.)

6. Find the value of each expression.

   a. $37.06 - 22.57$

   b. $555 - 4.44$

(From Unit 5, Lesson 16.)

7. **Exploration**

   a. Kiran finds the value of $35.16 - 18.79$ with these calculations.
   $18.79 + 0.21 = 19$
   $19 + 16.16 = 35.16$
   $16.16 + 0.21 = 16.37$.
   Explain why Kiran's strategy works.

   b. Find the difference $22.86 - 9.99$ in a way that makes sense to you.

8. **Exploration**

Lin is trying to use the digits 1, 3, 4, 2, 5, and 6 to make 2 two-digit decimals whose sum is equal to 1.

a. Explain why Lin can not make 1 by adding together 2 two-digit decimal numbers made with these digits.

b. What is the closest Lin can get to 1? Explain how you know.