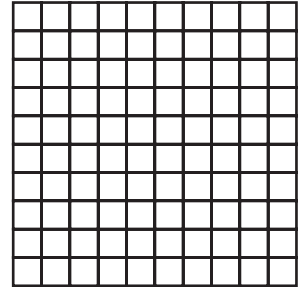


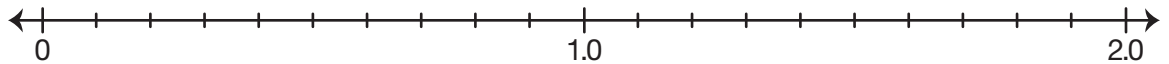
Add Decimals with Grids and Number Lines

- 1.** Irma is training for a bike race. Her coach wants her to ride at least one mile, but no more than two miles a day. She rides 0.4 of a mile to the park and then another 0.3 of a mile farther.

- A.** Shade 0.4 of the grid.
- B.** Shade another 0.3 of the grid.
- C.** How far does Irma ride? Does she meet her coach's requirements?



- D.** Solve $0.7 + 0.7$ on the number line to find the number of miles in a round trip.

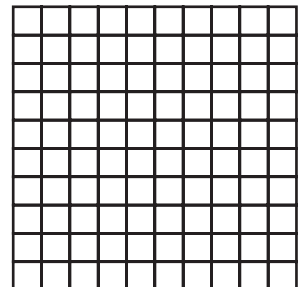


- E.** If she makes a round trip, will she meet her coach's requirements?

- 2.** Linda walks 0.25 of a mile to the store and then 0.4 of a mile farther to her grandmother's house.

- A.** Does Linda walk more or less than $\frac{1}{2}$ mile? More or less than 1 mile?

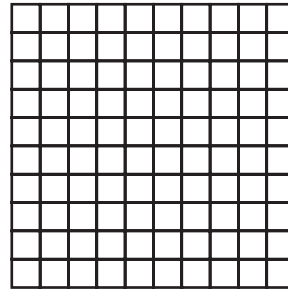
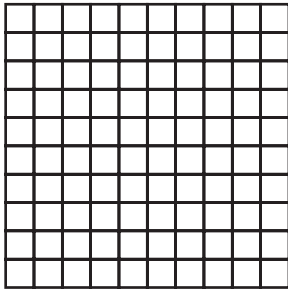
- B.** How far does she walk in all?
Use the grid to add.



3. Roberto runs 0.8 of a mile to the ball field and then 0.6 of a mile around the field.

A. Does Roberto run more or less than one mile?

B. How far does he run in all? Use the grids to add.

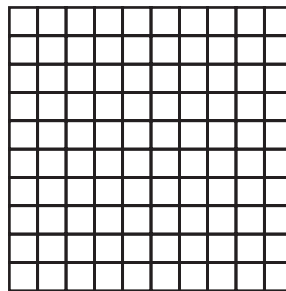
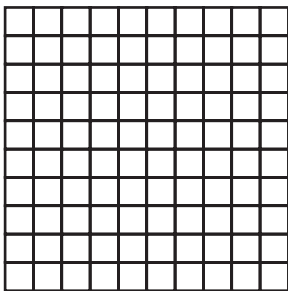


Use these grids to help solve the following addition problems.

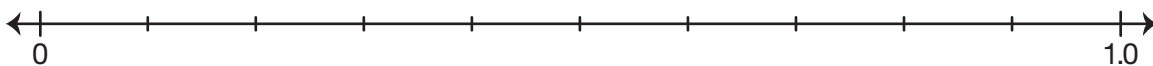
4. $0.6 + 0.26 =$ _____ **5.** $0.45 + 0.47 =$ _____

Estimate _____

Estimate _____

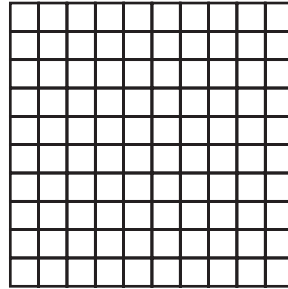
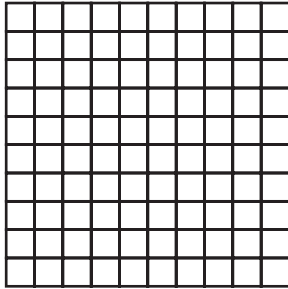


6. Show how to solve the problem from Question 5 on the number line.



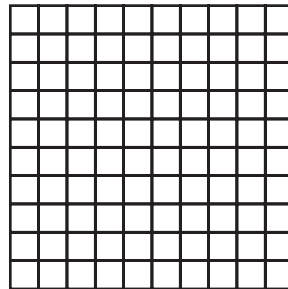
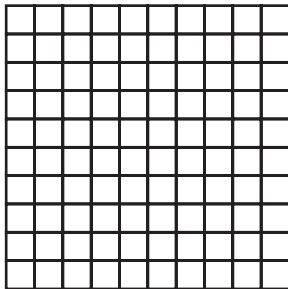
7. $0.67 + 1.09 =$ _____ (Hint: Use both grids.)

Estimate _____



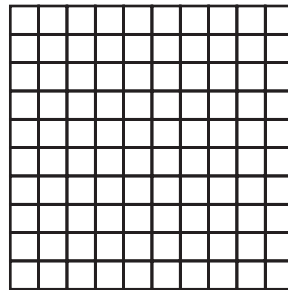
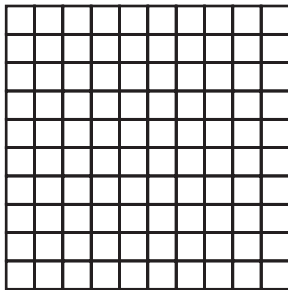
8. $0.3 + 0.87 =$ _____

Estimate _____



9. $1.47 + 0.03 =$ _____

Estimate _____



10. Show or tell how to use your estimate to tell if your answer to Question 9 is reasonable.