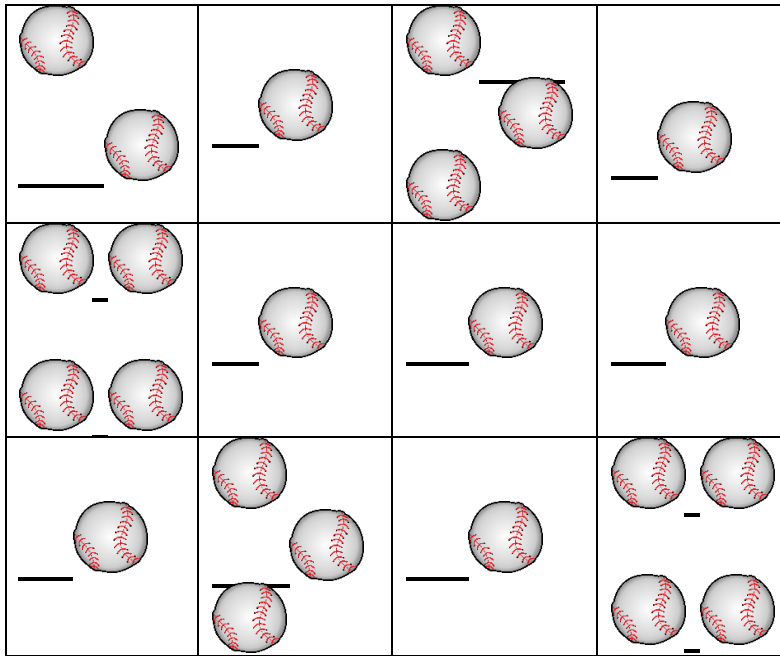**2nd Grade: Read and answer questions**

1. The Rockies all-time leader in home runs is Todd Helton, with 369. Of the current Rockies players, Nolan Arenado has the most home runs with the Rockies, and he started the 2019 season with 186. How many more home runs does Nolan need to get to tie Todd?

2. Baseball teams have 25 players on their roster and managers always need to know how many players are available to play. If the Rockies have 13 pitchers on their roster and the rest are position players, how many position players are left on the bench to replace the 8 starting position players?

3. The Rockies tied a team record for runs scored when they played the Giants on September 18, 2006. Use mental math to add up the runs by inning to calculate the final score. How many runs did the Rockies win by?

	1	2	3	4	5	6	7	8	9	Total Runs
Giants	3	0	0	1	2	0	0	0	2	
Rockies	6	3	3	3	1	2	0	2	X	

4. How many baseballs are in the box? How are the baseballs arranged into rows and columns?

5. The distance between home plate and first base is 90 feet. How many feet do you think it is from home plate to the rubber on the pitcher's mound?

What is an estimate that you know is too short? What is an estimate that you know is too far? What is your best estimate?
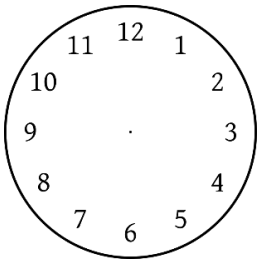
Too Short: _____   **Too Far:** _____   **Best Estimate:** _____

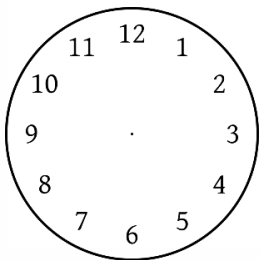After you have made your best estimate, find out the actual distance.

6. Nolan Arenado uses a bat that is 34 inches long. Some players use bats as long as 35 inches, while others use bats as short as 32 inches. What is the difference between the longest and shortest bats players use?

Why do you think players do not use longer bats, even though bats up to 42 inches long are allowed by the rules?

_____

_____

7. Rockies home games in the afternoon sometimes start at 1:10. What does that look like on an analog clock?

If a game starts at 1:10 and ends three and a half hours later, what time does it end?

8. A souvenir at the concession stand costs 95 cents. If you have three quarters, a dime, and a nickel, do you have the right amount of money to buy the souvenir?

9. The image below shows the "strike zone." Divide the strike zone into three rows and three columns. How many partitions does that make? For what part of the strike zone do you think batters have the easiest chance of hitting the ball?

_____

_____