

Name _____

Date _____

5th Grade Independent Problem Solving Items

1. Calvin ran $\frac{1}{4}$ mile to the bridge and $\frac{1}{4}$ mile past the bridge. How far has Calvin run in all?
2. Minda is baking a cake for her Dad's birthday. The recipe calls for 1 cup of flour, $\frac{1}{2}$ cup of sugar, and $\frac{1}{4}$ cup of cocoa. What is the total amount of ingredients Minda needs for the cake?
3. Find the perimeter of the rectangle below.
4. George walked 4 miles on Monday and 2 miles on Wednesday. How much farther did George walk on Monday than he did on Wednesday?
5. Find the perimeter of the triangle below.
6. The Tyler's watched 2 hours on Friday to go down Grandfather's house and 3 hours on Saturday. How much longer did they watch on Friday than on Saturday?
7. Adam used 300 of buttons to build a bird house. How is this written as a mixed number?
8. Tatiana was measuring fabric to make a skirt. It measured 4 feet long. How is this measurement written as an improper fraction?
9. Joseph and Michael each made a chain using chewing gum wrappers. Joseph's chain was 500 long and Michael's chain was 300 long. How much longer is Joseph's chewing gum wrapper chain?
10. Four girls were running a relay race. Allie ran $\frac{1}{4}$ mile, Michelle ran $\frac{1}{4}$ mile, Candy ran $\frac{1}{4}$ mile, and Kim ran $\frac{1}{4}$ mile. How far did the girls run altogether?
11. A teacher surveyed her class about their favorite type of candy.

Candy	Number of students
Kit Kat	14
Wm	6
Milk Chy	5

What fraction of her students said Milk Chy was their favorite candy? (Simplify first.)
12. How is 0.05 written as a fraction in simplest form?