NAME _____ Date_____

Grade 5 Unit 3 Self Assessment

① Joey and his three friends are splitting 2 candy bars. Each person gets the same amount of candy bar. How much candy bar does each person get to eat? Draw a picture to help you solve the problem.

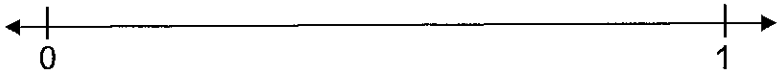
Solution :_____

Number model:_____

② There are 8 hoagies at a picnic. The hoagies are shared among 5 people. How much hoagie will each person get?

_____

③ Place the following fractions on the number line: ½, $^{3}/_{8}$, $^{2}/_{3}$, and $^{3}/_{4}$.



④ Estimate your answer and decide if it's closer to 0, ½, or 1. Circle your estimate.

a. ¼ + $^{1}/_{5}$	0	½	1
b. ¾ + ½	0	½	1
c. $^{1}/_{8}$ + $^{1}/_{3}$	0	½	1

⑤ Write another name for each fraction that has the same denominator.

a. $^{8}/_{3}$ =_____

b. 9 ¼ =_____

c. $^{10}/_{7}$ =_____

d. 4 $^{9}/_{6}$ =_____

e. 4 ½ =_____

⑥ Solve. Draw a picture to solve the problem.

a. $^{3}/_{8} - {}^{1}/_{4}$ = _____

b. $^{1}/_{5} + {}^{1}/_{3}$ = _____

⑦ Julie uses ¾ cup of white flour to make cupcakes. She adds $^{2}/_{3}$ cup of rice flour to the mix. How much flour does she use in all? Draw a visual model to solve this problem.

Answer:_____

⑧ What is:

a. ¼ of 36? _____

b. $^{1}/_{6}$ of 20 ? _____

c. $^{1}/_{3}$ of 16? _____

d. ½ of 25? _____

9.

Write a division story with an answer of 3//4

10.

Rename the fractions as mixed numbers.

13/5 _____ 18/5 _____

11.

Mr. Meyer added 5/6 + 1/5 and got 6/11. Does this make sense? Explain how you know.

12.

Solve,

a. 1/3 + 1/9 = _____

b. 1/6 + 3/12=_____

13.

Write another name for each mixed number that has the same denominator.

a. 7 ½ _____

b. 3 7/5 _____

14.

Write a fraction to make each number sentence true.

a. _____ + ½ > 2

b. 2 - _____> 1

c. 1 + _____> 1 ½