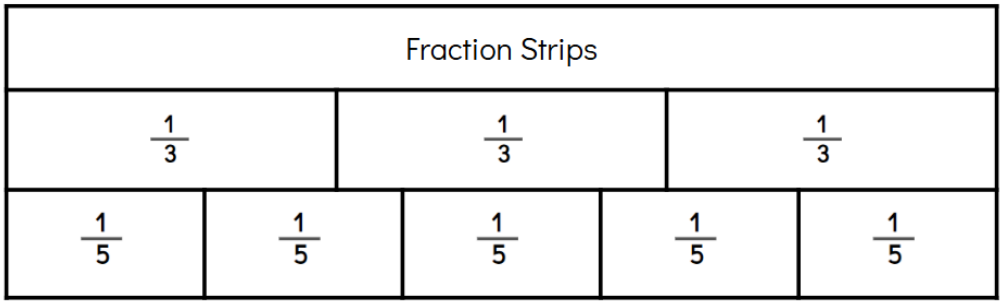
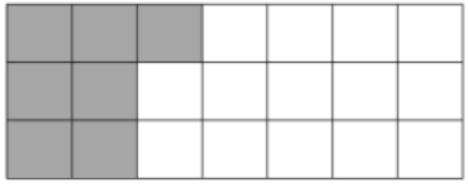
Math 4th Grade Benchmark Assessment 2		
Standards: 4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 4.NF.5, 4.NF.6, 4.NF.7		
#	Standard	Question
1 1 point	4.NF.1	Which of the following fractions is NOT equivalent to $\frac{1}{2}$? A.  B.  C.  D. 
2 2 points	4.NF.1	Which of the following fractions are equivalent to the model below? Choose all that apply.  ☐ A. $\frac{2}{3}$ ☐ B. $\frac{3}{4}$

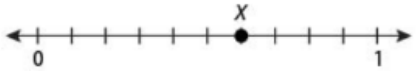
		☐ C. $\frac{6}{8}$ ☐ D. $\frac{10}{12}$
3 1 point	4.NF.2	Look at the fraction strips below. Use them to answer the question.  Which statement is true? A. $\frac{1}{5} > \frac{1}{3}$ B. $\frac{2}{5} < \frac{1}{3}$ C. $\frac{3}{5} < \frac{2}{3}$ D. $\frac{4}{5} < \frac{2}{3}$

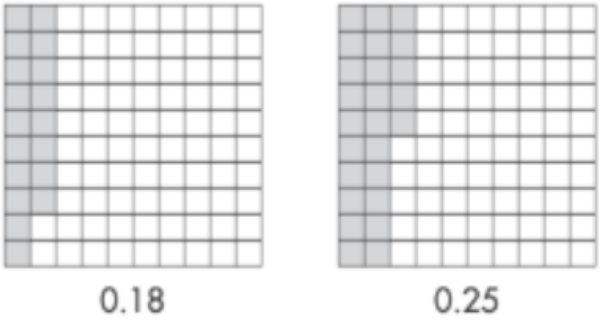
4	4.NF.2	Which fraction below is GREATER THAN the model?  A. $\frac{1}{2}$ B. $\frac{1}{3}$ C. $\frac{1}{4}$ D. $\frac{1}{5}$
5	4.NF.2	Amir shaded $\frac{2}{3}$ of a circle red. Marissa shaded $\frac{1}{4}$ of the same circle yellow. Which correctly compares the fractions of the circle that Amir and Marissa shaded? A. $\frac{2}{3} > \frac{1}{4}$ B. $\frac{2}{3} < \frac{1}{4}$ C. $\frac{2}{3} + \frac{1}{4}$ D. $\frac{2}{3} = \frac{1}{4}$

6	4.NF.3	Which equation below **best** represents this model?  A. $\frac{5}{4} = \frac{1}{4} \times \frac{1}{4} \times \frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ B. $\frac{5}{4} = 5 \times \frac{1}{4}$ C. $\frac{2}{3} = \frac{1}{4}$ D. $\frac{2}{3} = \frac{1}{4}$
7	4.NF.3	Which of the following shows a correct way to decompose the fraction $\frac{7}{8}$? A. $\frac{6}{7} + \frac{1}{1}$ B. $\frac{8}{8} - 1$ C. $\frac{2}{8} + \frac{2}{8} + \frac{2}{8} + \frac{1}{8}$ D. $\frac{9}{8} - \frac{2}{8} - \frac{1}{8}$

8	4.NF.3	Jason runs on a racecourse that is $3\frac{5}{8}$ miles long. He ran $1\frac{1}{8}$ mile. How many more miles must Jason run to reach the end of the racecourse? A. $1\frac{4}{8}$ B. $2\frac{2}{8}$ C. $2\frac{4}{8}$ D. 3
9	4.NF.4	What whole number multiplied by $\frac{1}{4}$ would have a product of $\frac{5}{4}$? A. 1 B. 4 C. 5 D. 2
10	4.NF.4	Which expression will have the same product as 4 x $\frac{2}{5}$? A. 8 x $\frac{1}{5}$ B. 8 x $\frac{2}{5}$ C. 4 x $\frac{1}{5}$ D. 4 x $\frac{2}{10}$

11	4.NF.4	Ms. McCoy was baking cookies for the fourth grade classes. The recipe required $\frac{3}{4}$ of a cup of chocolate chips for each batch. Ms. McCoy needed to make 5 batches. How many cups of chocolate chips did Ms. McCoy use? A. $3\frac{3}{4}$ cups B. $5\frac{3}{4}$ cups C. $\frac{8}{4}$ cups D. $\frac{15}{20}$ cups
12	4.NF.5 & 4.NF.6	Today at school, $\frac{3}{10}$ of Jody's class bought a hot lunch and $\frac{40}{100}$ bought a sandwich. What fraction, in decimal form, of Jody's class bought a hot lunch or a sandwich for lunch today? A. 0.01 B. 0.1 C. 0.7 D. 0.07

13	4.NF.5 & 4.NF.6	Which of the following is the same as 0.95? A. $9 + \frac{5}{10}$ B. $\frac{9}{10} + \frac{5}{100}$ C. $\frac{9}{10} + \frac{5}{10}$ D. $9 + \frac{5}{100}$
14	4.NF.5 & 4.NF.6	Which fraction and decimal pair does the X represent on the number line below?  A. $\frac{6}{100}$ and 0.06 B. $\frac{6}{10}$ and 0.6 C. $\frac{6}{100}$ and 0.6 D. $\frac{6}{10}$ and 0.06

15	4.NF.7	Which statement correctly compares the models?  A. 0.18 = 0.25 B. 0.25 < 0.18 C. 0.25 > 0.18 D. 0.18 > 0.25
16	4.NF.7	Look at the equation shown below. **5.07 > ___** Which values will correctly complete the equation? Choose the TWO correct answers. ☐ A. 5.02 ☐ B. 5.4 ☐ C. 5.09 ☐ D. 5.1 ☐ E. 5.05 ☐ F. 5.07

Answer Key

#	Standard	Answer	#	Standard	Answer
1	4.NF.1	C	9	4.NF.4	C
2	4.NF.1	B, C	10	4.NF.4	A
3	4.NF.2	C	11	4.NF.4	A
4	4.NF.2	A	12	4.NF.5 & 4.NF.6	C
5	4.NF.2	A	13	4.NF.5 & 4.NF.6	B
6	4.NF.3	B	14	4.NF.5 & 4.NF.6	B
7	4.NF.3	C	15	4.NF.7	C
8	4.NF.3	C	16	4.NF.7	A, E