***4th grade Math Enduring Understanding: Represent and solve real world problems to show understanding and fluency with multi-digit multiplication and division with remainders.***

**Are these assessment items congruent to the 4th grade enduring understanding listed above?**

**1)** M = 10 × 12 M = **20**

**2)** 8 = 16 ÷ A A = **2**

**3)** N = 80 ÷ 10 N = **8**

**4)** 3 × 15 = L L = **15**

**5)** 6 × U = 36 U =

**6)** A flower store has thirty-six roses and six tulips. How many times more roses did

they have than tulips?

**7)** Henry had four pictures on his Facebook page while Emily only had two. Henry

had how many times more pictures than Emily?

**8)** At a malt shop for every soda sold they sell seven hamburgers. If they sold forty-nine

burgers, how many sodas would they have sold?

**9)** Faye had saved up 31 quarters and decided to spend them on sodas. If

it costs 6 quarters for each soda from a soda machine, how many more

quarters would she need to buy the final soda? 31 ÷ 6 = 5 r1

**10)** Sarah had 33 songs on her mp3 player. If she wanted to put the songs

equally into 7 different playlists, how many songs would she have left

over? 33 ÷ 7 = 4 r5

11. Which is the most reasonable estimate for 58 x 69?

a. 360

b. 420

c. 3,500

d. 4,200

12. If telescopes cost $175 each, how much money does MacArthur Elementary School need

to buy 25 telescopes?

a. $1,225

b. $4,250

c. $4,375

d. $5,250

13. If a person hikes 60 miles each week, how many weeks will it take to hike 1,200 miles?

a. 2 weeks

b. 20 weeks

c. 1,140 weeks

d. 7,200 weeks

14. Which is the best estimate of 450 ÷ 88?

a. 50

b. 40

c. 5

d. 3

15. The list of endangered and threatened species includes 342 species of mammals, such as

the red wolf, the right whale and the mountain gorilla. If a group of 74 students divides up

the mammals to research, how many mammals would each student study? How many

mammals would be left over?

a. 40 mammals; 46 left over

b. 30 mammals; 120 left over

c. 4 mammals; 46 left over

d. 3 mammals; 120 left over

16. Conrad has saved $136. He pays $34 each month to the cable TV company. How many

months will it take Conrad to use all the money in his savings on the cable TV bill?

a. 3 months

b. 4 months

c. 5 months

d. 40 months