Name:

Long Division Review

Directions: Use mental math to solve the the following problems.

1. 24 ÷ 8 = \_\_\_\_\_ 2) 14 ÷ 2 = \_\_\_\_\_ 3) 25 ÷ 5 = \_\_\_\_\_

240 ÷ 8 = \_\_\_\_\_ 140 ÷ 2 = \_\_\_\_\_ 250 ÷ 5 = \_\_\_\_\_

2,400 ÷ 8 = \_\_\_\_\_ 1,400 ÷ 2 = \_\_\_\_\_ 2,500 ÷ 5 = \_\_\_\_\_

4) 810 ÷ 9 = \_\_\_\_\_ 5) 4,800 ÷ 6 = \_\_\_\_\_ 6) 3,200 ÷ 4 = \_\_\_\_\_

Directions : Estimate dividends using compatible numbers.

7) 48 ÷ 5 = 8) 29 ÷ 9 = 9) 41 ÷ 2 =

\_\_\_\_\_ ÷ 5 = \_\_\_\_\_ \_\_\_\_ ÷ 9 = \_\_\_\_\_ \_\_\_\_ ÷ 2 = \_\_\_\_\_

10) 625 ÷ 3 = 11) 138 ÷ 5 = 12) 200 ÷ 7 =

\_\_\_\_ ÷ 3 = \_\_\_\_\_ \_\_\_\_ ÷ 5 = \_\_\_\_\_ \_\_\_\_ ÷ 7 = \_\_\_\_\_

13) 3,688 ÷ 6 = \_\_\_\_\_ 14) 2,943 ÷ 7 = \_\_\_\_\_ 15) 5,684 ÷ 9 = \_\_\_\_\_

\_\_\_\_ ÷ 6 = \_\_\_\_\_ \_\_\_\_ ÷ 7 = \_\_\_\_\_ \_\_\_\_ ÷ 9 = \_\_\_\_\_

Directions: Solve each equation below. Be sure to check your answer using multiplication.

14) 18 ÷ 4 = \_\_\_\_ R \_\_\_\_ 15) 22 ÷ 6 = \_\_\_\_ R \_\_\_\_

16) 66 ÷ 5 = \_\_\_\_ R \_\_\_\_ 17) 31 ÷ 8 = \_\_\_\_ R \_\_\_\_

18) Mrs. Dattola brings in 38 cupcakes for a special lunch with six 4th grade students. If she divides the cupcakes evenly between the students, how many cupcakes will each student receive? \_\_\_\_\_

How many cupcakes will be leftover? \_\_\_\_\_

19) Ms. Conover has 25 coding kits in her classroom. She wants to share them evenly between 7 students.

How many coding kits will each student receive? \_\_\_\_\_

How many coding kits will be leftover? \_\_\_\_\_

20) Mr. Chuntz is sorting out his Pokemon cards and decides to put them into a binder. If he has 75 cards and he puts 6 cards on each page, how many cards will be on the last page? \_\_\_\_\_

Directions: Solve each equation using long division.

\*Hint: **D**oes **M**cdonald’s **S**ell **C**heese**B**urgers\*

\*Divide Multiply Subtract Check Bring-down\*

21) 2 ÷ 179 22) 3 ÷ 144 23) 6 ÷ 237

24) 5 ÷ 2048 25) 8 ÷ 5172 26) 9 ÷ 3486

27) 4 ÷ 8256 28) 7 ÷ 8499 29) 8 ÷ 7630

30) The PTA is hosting a pizza party for 7 lucky 4th grade families. If they order 3,020 slices of pizza, how many slices will each family receive?\_\_\_\_\_ How many slices will be left over? \_\_\_\_\_

Long Division Review

Directions: Use mental math to solve the the following problems.

1. 24 ÷ 8 = 3 2) 14 ÷ 2 = 7 3) 25 ÷ 5 = 5

240 ÷ 8 = 30 140 ÷ 2 = 70 250 ÷ 5 = 50

2,400 ÷ 8 = 300 1,400 ÷ 2 = 700 2,500 ÷ 5 = 500

4) 810 ÷ 9 = 90 5) 4,800 ÷ 6 = 800 6) 2,400 ÷ 4 = 600

Directions : Estimate dividends using compatible numbers.

7) 48 ÷ 5 = 8) 29 ÷ 9 = 9) 41 ÷ 2 =

50 ÷ 5 = 10 27 ÷ 9 = 3 40 ÷ 2 = 20

10) 625 ÷ 3 = 11) 138 ÷ 5 = 12) 200 ÷ 7 =

600 ÷ 3 = 200 150 ÷ 5 = 30 210 ÷ 7 = 30

13) 3,688 ÷ 6 = 14) 2,943 ÷ 7 = 15) 5,684 ÷ 9 =

3,600 ÷ 6 = 600 2,800 ÷ 7 = 400 5,400 ÷ 9 = 600

Directions: Solve each equation below. Be sure to check your answer using multiplication.

14) 18 ÷ 4 = 4 R 2 15) 22 ÷ 6 = 3 R 4

16) 66 ÷ 5 = 13 R 1 17) 31 ÷ 8 = 3 R 7

18) Mrs. Dattola brings in 38 cupcakes for a special lunch with six 4th grade students. If she divides the cupcakes evenly between the students, how many cupcakes will each student receive? 6 cupcakes

How many cupcakes will be leftover? 2 cupcakes

19) Ms. Conover has 25 coding kits in her classroom. She wants to share them evenly between 7 students.

How many coding kits will each student receive? 3 coding kits

How many coding kits will be leftover? 4 coding kits

20) Mr. Chuntz is sorting out his Pokemon cards and decides to put them into a binder. If he has 75 cards and he puts 6 cards on each page, how many cards will be on the last page? 3 cards

Directions: Solve each equation using long division.

\*Hint: **D**oes **M**cdonald’s **S**ell **C**heese**B**urgers\*

\*Divide Multiply Subtract Check Bring-down\*

21) 179 ÷ 2 = 89 R 1 22) 144 ÷ 3 = 48 23) 237 ÷ 6 = 39 R 3

24) 2,048 ÷ 5 = 409 R 3 25) 5,172 ÷ 8 = 646 R 4 26) 3,486 ÷ 9 = 387 R 3

27) 8,256 ÷ 4 = 2,064 28) 8,499 ÷ 7 = 1,214 R 1 29) 7,630 ÷ 8 = 953 R 6

30) The PTA is hosting a pizza party for 7 lucky 4th grade families. If they order 3,020 slices of pizza, how many slices will each family receive?

431 slices of pizza

How many slices will be left over? 3 slices leftover