Name _____
Date _____

Division
One Decimal

Main Idea: Division often contains remainders. Three ways to show a remainder are fraction, "r", and decimal.

Example A

$$\begin{array}{r} 2.1 \\ 4\overline{)8.4} \\ -\ 8\downarrow \\ \quad 0\,4 \\ \quad -\ 4 \\ \quad\ \ 0 \end{array}$$

With one decimal inside bring it straight up.

Example B

$$\begin{array}{r} 2.5 \\ 2\overline{)5.0} \\ -\ 4\downarrow \\ \quad 1\,0 \\ \quad -\ 1\,0 \\ \quad\ \ 0 \end{array}$$

Add a decimal point and zeros.

How many zeros do I add?
Sometimes a number does not end evenly. In general, add up to three zeros. If it still does not end, then round to the nearest hundredths.

Suprisingly, this is official animal of Scotland…

Directions: Divide and use a decimal remainder. Round to the nearest hundredths if needed. Show work.

N) 21.7 ÷ 7 =	**V)** 89.4 ÷ 6 =	**H)** 121.6 ÷ 3 =	**N)** 13.2 ÷ 12 =
E) 28.28 ÷ 14 =	**I)** 35.7 ÷ 7 =	**K)** 47.94 ÷ 3 =	**O)** 0.36 ÷ 6 =
N) 14.3 ÷ 4 =	**Y)** 3.7 ÷ 5 =	**O)** 450.25 ÷ 25 =	**E)** 5.28 ÷ 3 =
A) 4.3 ÷ 6 =	**R)** 9.0 ÷ 11 =	**U)** 9.3 ÷ 6 =	**C)** 32.7 ÷ 12 =

1.55	**18.04**	**≈ 3.58**	**64.91**	**5.1**	**≈ 0.27**	**≈ 2.73**	**77.3**	**18.01**	**≈ 4.34**	**≈ 0.82**	**0.98**	**3.1**

ANSWER KEY

Division

One Decimal

Main Idea: Division often contains remainders. Three ways to show a remainder are fraction, "r", and decimal.

Example A

$$\begin{array}{r} 2.1 \\ 4\overline{)8.4} \\ -\ 8\downarrow \\ \quad 0\,4 \\ \quad -\ 4 \\ \quad\quad 0 \end{array}$$

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$$\begin{array}{r} 2.5 \\ 2\overline{)5.0} \\ -\ 4\downarrow \\ \quad 1\,0 \\ \quad -\ 1\,0 \\ \quad\quad 0 \end{array}$$

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Suprisingly, this is official animal of Scotland…

Directions: Divide and use a decimal remainder. Round to the nearest hundredths if needed. Show work.

N) 21.7 ÷ 7 = **3.1**	**V)** 89.4 ÷ 6 = **14.9**	**H)** 121.6 ÷ 3 = **≈ 40.53**	**N)** 13.2 ÷ 12 = **1.1**
E) 28.28 ÷ 14 = **2.02**	**I)** 35.7 ÷ 7 = **5.1**	**K)** 47.94 ÷ 3 = **15.98**	**O)** 0.36 ÷ 6 = **0.06**
N) 14.3 ÷ 4 = **≈ 3.58**	**Y)** 3.7 ÷ 5 = **0.74**	**O)** 450.25 ÷ 25 = **18.01**	**E)** 5.28 ÷ 3 = **1.76**
A) 4.3 ÷ 6 = **≈ 0.72**	**R)** 9.0 ÷ 11 = **≈ 0.82**	**U)** 9.3 ÷ 6 = **1.55**	**C)** 32.7 ÷ 12 = **≈ 2.73**

U		N		I		C		O		R		N
1.55	18.04	≈ 3.58	64.91	5.1	≈ 0.27	≈ 2.73	77.3	18.01	≈ 4.34	≈ 0.82	0.98	3.1