

Name: Key

12

11-A-
10-B
9-C
8-D+
7-F
6-G

MATH PRACTICE

Week 12

Per:

Due: Thursday, 11/15

4-11. Rewrite each decimal as a fraction or fraction as a decimal.

a. 0.007 $\frac{7}{1000}$ $\frac{7}{1000}$
 b. 0.103 $\frac{103}{1000}$ $\frac{103}{1000}$
 c. 1.21 $1\frac{21}{100}$ $1\frac{21}{100}$
 d. $\frac{505}{100}$ 5.05
 e. $\frac{3}{100}$ 0.03
 f. $\frac{6}{10}$ 0.6

4-10. Use long division to complete the following problem.

a. $828 \div 3 = 276$

$$\begin{array}{r} 276 \\ 3 \overline{) 828} \\ \underline{-6} \\ 22 \\ \underline{-21} \\ 18 \\ \underline{-18} \\ 0 \end{array}$$

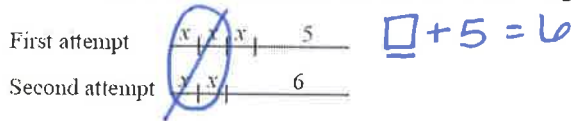
b. $683 \div 4 = 170.75$

$$\begin{array}{r} 170.75 \\ 4 \overline{) 683.0000} \\ \underline{-4} \\ 28 \\ \underline{-28} \\ 03 \\ \underline{-00} \\ 30 \\ \underline{-28} \\ 20 \end{array}$$

Example:
 $225 \div 6 = 37.5$

$$\begin{array}{r} 37.5 \\ 6 \overline{) 225.0} \\ \underline{-18} \\ 45 \\ \underline{-42} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

4-8. Croakie can do a super high jump! The first time he performed his new super-high-jump routine, he did three super-high jumps and then hopped five feet. The second time, he did only two super-high jumps and then hopped six feet. Both times, he covered the same distance. His attempts are shown in the diagram below.



a) How far does Croakie travel in one super-high jump? Explain or show how you know.

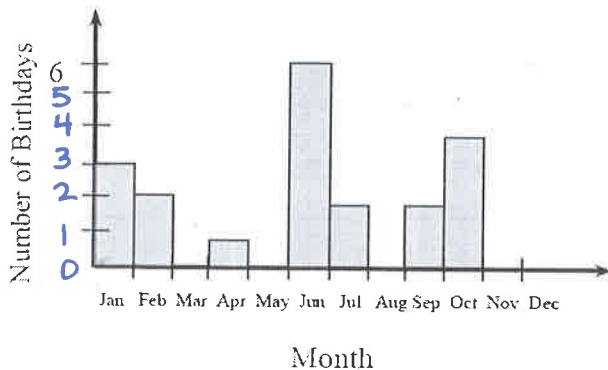
Croakie travels 1 ft. in one super high jump.

b) How long is his whole super-high-jump routine? Show how you know.

The entire routine is 8 ft.
 $1 + 1 + 1 + 5 = 8 \text{ ft}$

4-18. Melissa collected the dates of all her friends' birthdays. The histogram below shows what she found out. Complete the table that shows the months when her friends' birthdays occur and how many birthdays there are in each month.

Month	Frequency
Jan	3
Feb	2
Mar	0
Apr	1
May	0
Jun	6
Jul	2
Aug	0
Sep	2
Oct	4
Nov	0
Dec	0



Jan 3, Feb 2 } 5 total

Jun 6 highest frequency

Oct 4 Oct frequency