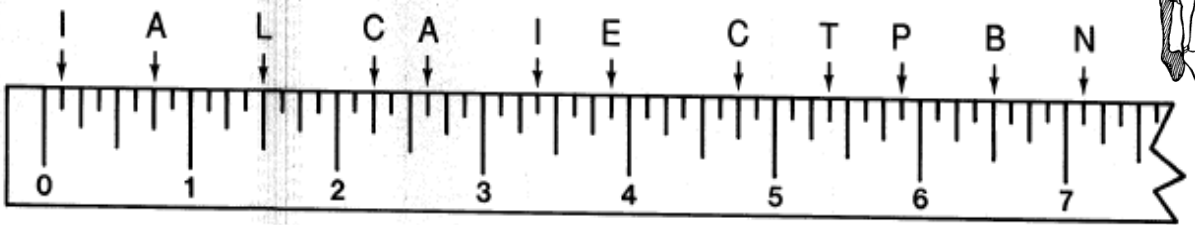
MrF

GRADE 10 ESSENTIAL
UNIT C – IMPERIAL MEASUREMENTS
MEASURE AND CONVERT

Name:_____
Date: _____

What Has Four Legs and Flies?

I. Identify each measurement that is marked with a letter. Write each letter in the box that contains the corresponding measurement.



$2\frac{5}{8}$ in.	$5\frac{1}{2}$ in.	$5\frac{7}{8}$ in.	$\frac{1}{8}$ in.	$4\frac{3}{4}$ in.	$7\frac{1}{8}$ in.	$3\frac{3}{8}$ in.	$2\frac{1}{4}$ in.	$6\frac{3}{4}$ in.	$5\frac{3}{8}$ in.	$\frac{3}{4}$ in.	$6\frac{1}{2}$ in.	$1\frac{1}{2}$ in.	$3\frac{7}{8}$ in.

What Did Airhead Klutz Look For When He First Took Up Waterskiing?

Find each answer in the set of boxes under the exercise. Write the letter of the exercise in the space above the answer.

I. Complete each statement.

(I) 7 ft = _____ in.

(C) 4 ft 10 in. = _____ in.

(A) 10 ft 3 in. = _____ in.

(T) 8 yd = _____ ft

(E) 5 yd 2 ft = _____ ft

(I) 4 yd = _____ in.

(W) 60 in. = _____ ft

(A) 40 in. = _____ ft _____ in.

(E) 72 in. = _____ yd

(H) $2\frac{1}{2}$ ft = _____ in.

(L) $7\frac{2}{3}$ yd = _____ ft

(N) 100 ft = ___ yd ___ ft

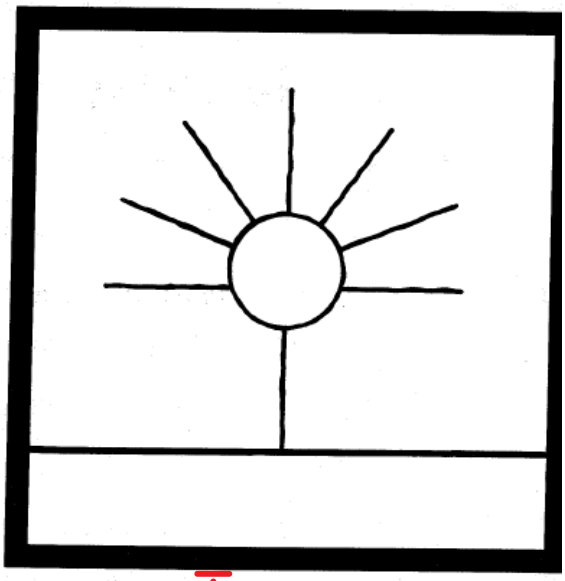
(K) A baseball diamond is a square with 90 feet between bases. About how many *yards* does a player run after hitting a home run? _____ yd

3;4	28	33;1	144	58	2	140	23	123	120	17	9;1	5	84	24	30

Show Work for [at least] questions that are vowels ↓.

MrF

What Is the Title?



TO FIND THE TITLE OF THIS PICTURE:

Do each exercise below. Find your answer in the code and write the letter of the exercise above it. (Each answer appears only once.)

CODED TITLE:

I

72	1;20	5;9	11;2	3	15	98	4	3;1	18	12	61
8;16	24	7	5	29	126	36	10;6	60	1;7	8	100

I. Answer each question.

(N) How many inches are in 1 foot? _____

(E) How many feet are in 1 yard? _____

(D) How many inches are in 1 yard? _____

II. Complete each statement.
You are changing each measure to a smaller unit.

big → small
few → more

(A) 2 ft = _____ in.

(T) 5 ft = _____ in.

(I) 1 ft 6 in. = 18 in. 12 in + 6 in

(D) 8 ft 4 in. = _____ in.

(R) 5 yd = _____ ft

(A) 9 yd 2 ft = _____ ft

(G) 20 yd 1 ft = _____ ft

(S) 2 yd = _____ in.

(N) 3 yd 18 in. = _____ in.

III. Complete each statement.
You are changing each measure to a larger unit.

(D) 48 in. = _____ ft

(A) 19 in. = _____ ft _____ in.

(I) 69 in. = _____ ft _____ in.

(N) 24 ft = _____ yd

(O) 10 ft = _____ yd _____ ft

(D) 35 ft = _____ yd _____ ft

(H) 180 in. = _____ yd

(P) 56 in. = _____ yd _____ in.

(S) 366 in. = _____ yd _____ in.

Find each answer in the set of boxes under the exercise. Write the letter of the exercise in the space above the answer.

Don't forget! Carry and borrow ('rename') at 12!

II. Add or subtract. Simplify if possible.

(G) 3 ft 7 in. + 2 ft 8 in.	(I) 5 ft 9 in. + 8 ft 10 in.	(L) 13 ft 2 in. + 6 ft 8 in.	(N) 3 yd 2 ft + 4 yd 2 ft
(A) 9 ft 11 in. − 4 ft 6 in.	(I) 7 ft 4 in. − 2 ft 7 in.	(T) 10 ft 8 in. − 3 ft 11 in.	(I) 14 yd 1 ft − 8 yd 2 ft
(L) 12 ft 6 in. + 7 ft 6 in.	(B) 20 ft 0 in. − 5 ft 8 in.	(I) 9 yd 2 ft + 6 yd 1 ft	(H) 36 yd − 28 yd 1 ft

				G										
5 ft 5 in.	5 ft 11 in.	14 ft 4 in.	5 yd 2 ft	6 ft 3 in.	14 ft 3 in.	7 yd 2 ft	4 ft 9 in.	19 ft 10 in.	20 ft	7 yd 1 ft	16 yd	8 yd 1 ft	19 ft 6 in.	14 ft 7 in.	6 ft 9 in.

Measure and record the length of each of these line segments below to the nearest eighth of an inch (1/8th)

Length

a.

b.

c.

d.