Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
1) 0.00157 km to mm

Solve the probaround your f	olem. Show your final answer. See	dimensional analysthe other side of th	sis setup in the space e page for your sec	ce given below. I ond problem.	Draw a box
	μg to mg		ı g	•	

around your final answer. See the other side of the page for your second problem. 2) 55000 g to kg

around your linar answer. St	ee the other side of the page for your second problem.	
20) 9.89 cs to ms		
20) 3103 60 10 1115		

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
3) 42.5 L to mL

Solve the problem. Show your dimensional analysis setup in the space given below. I around your final answer. See the other side of the page for your second problem.	Oraw a box
21) 12.4 mm ² to cm ²	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a around your final answer. See the other side of the page for your second problem.	a box
4) 137 in to m (Note: 1 in = 2.54 cm)	

Solve the problem. Show your dimensional analysis setup in the space given below. I around your final answer. See the other side of the page for your second problem.	Draw a box
22) 13.6 m³ to mm³	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
5) 0.847 Mg to kg

around your final answer. See the other side of the page for your second problem. 23) 24.5 in to m, You may assume that 2.54 cm = in	

5650 feet to furlongs.			
	and that $3 \text{ ft} = 1 \text{ yd}$.	These relationships are exact!)	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
24) 1.35 miles to inches, assuming 1760 yd = mi, 3 ft = yd, 12 in = ft

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
7) 0.328 cm to mm

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
25) 21.47 inches to yards, assuming 12 in = ft, 3 ft = yd

Solve the problem. Show your dimensional analysis setup in the space given below. around your final answer. See the other side of the page for your second problem.	Draw a box
8) 1.3 µL to nL	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
26) 132 nm to mm

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
9) 0.55 mg to g

Solve	the problem. Show your dimensional analysis setup in the space given below. Draw a box ind your final answer. See the other side of the page for your second problem.
	$1.35\times10^6 \mu \mathrm{g}$ to cg

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.	
10) Calculate how many gallons of gas would be required to drive 155 miles in a car whose fuel usage is 32 miles per gallon.	
is 32 nines per ganon.	

Solve the pro around your	blem. Show your dimensional analysis setup in the space given below. Drawfinal answer. See the other side of the page for your second problem.	w a box
28) 1.3 μg	to g	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a around your final answer. See the other side of the page for your second problem.	box
11) 12.4 mg to g	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.		
29) 0.0017 Mg to kg		

Solve arour	e the problem. Show your dimensional analysis setup in the space given below. Dend your final answer. See the other side of the page for your second problem.	raw a box
12)	1300000 μ g to mg	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.		
30) 0.0000129 cm to Mm		

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.		
13) 87.0 mL to L		

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.		
31) 0.472 yards to inches, assuming 12 in = ft, 3 ft = yd		

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
14) 64700 cm to Mm

around your final answer. See the other side of the page for your second problem. 32) 34.3 in³ to ft³, assuming 12 in = ft	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
15) 0.00087 km to cm

Solve the around ye	problem. Show your dimensional analysis setup in the space given below. Drawour final answer. See the other side of the page for your second problem.	w a box
33) 27.3		

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.		
16) 0.00000009 kg to g		

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
34) 12 m to mm

Solve the problem. Show your dimensional analysis setup in the space given below. Dra around your final answer. See the other side of the page for your second problem.	aw a box
17) 0.0000874 m to cm	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
35) 0.013 ks to ms

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box around your final answer. See the other side of the page for your second problem.
18) 0.7350 L to mL

around your	r final answer.	See the other side of the page for your second problem.
36) 11 s to		
30) 11 3 to	μυ	

Solve the problem. Show your dimensional analysis setup in the space given below. Draw a box