Imperial units       Name:     Class:     Date:				
		Mark	/ 10	%
1) Work out the follo	wing conversion			[3]
a) 7 yards =	feet			
b) 10 lb =	0Z			
c) 4 Fluid Ounces	s = Pints			
2) Work out the following conversion, rounding your answer to 3 significant figures				[2]
a) 5 inches =	feet			
b) 7 lb =	. stone			
3) Using the following conversions in your calculations,				[1]
1 mile ≈ 1.61 km 1 yard (yd) ≈ 91.44 c	m			
1 foot (ft) $\approx$ 30.48 cm				
1 inch (in) $\approx$ 2.54 cm				
Work out the conver	sion below, rounding your answ	er to 3 significant figures		
9 miles =	km			
-	ng conversions in your calculatio	ns		
1 stone $\approx 6.35$ kg 1 pound (lb) $\approx 0.454$	kσ			
1 poullu (10) 0.434	кg			

1 ounce (oz)  $\approx$  28.35 g Convert between the measurements below, rounding your answer to 3 significant figures

10 kg = ..... lb

[1]

5) Using the following conversions in your calculations
1 pint ≈ 0.568 litres
1 gallon ≈ 4.55 litres
1 fluid ounce (fl.oz.) ≈ 28.41 ml

Convert between the measurements below, rounding your answer to 3 significant figures

7 ml = ..... fl.oz.

6) Work out the following conversion to 3 significant figures, using  $C = \frac{5}{9}(F - 32)$  where C is Celcius and F is Fahrenheit

97°F = .....°C

[1]

7) Work out the following conversion, using  $C = \frac{5}{9}(F - 32)$  where C is Celcius and F is Fahrenheit [1]

 $19^{\circ}C = \dots \circ F$ 

## Solutions for the assessment Imperial units

1) a) 21 feet	b) 160 oz	
c) 0.2 Pints		
<b>2</b> ) a) 0.417 feet	b) 0.500 stone	
<b>3</b> ) 14.5 km	<b>4</b> ) 22.0 lb	
<b>5</b> ) 0.246 fl.oz.	<b>6</b> ) 36.1°C	

**7**) 66.2°F

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