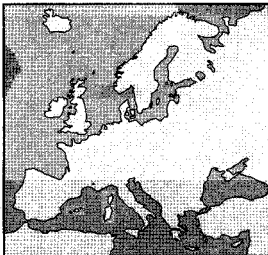
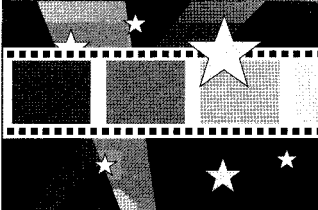
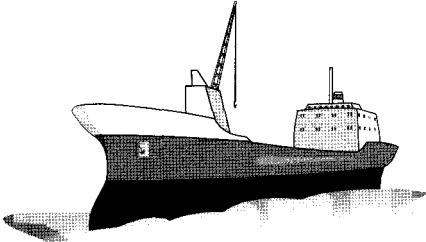
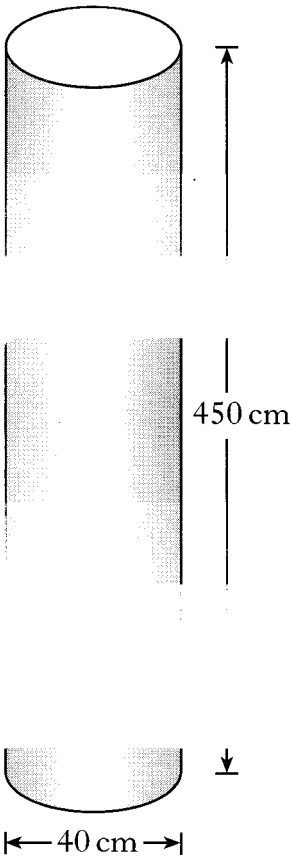
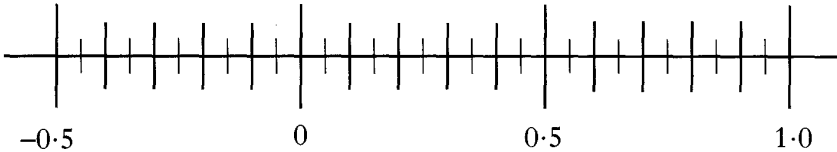


General : Scientific Notation

Revision

2008 P1 Q4	<p>Europe is the world's second smallest continent. Its area is approximately 10 400 000 square kilometres. Write this number in scientific notation.</p>		2	
Ans	1.04×10 ⁷			
2007 P1 Q2	<p>A particle is radioactive for 2.3×10^{-4} seconds. Write this number in full.</p>		2	
Ans	0.00023			
2006 P1 Q3	<p>A new movie costs \$320 million to make. Write this amount in scientific notation.</p>		2	
Ans	3.2×10 ⁸			
2005 P1 Q4	<p>A ship is transporting 2800 cars. Each car is worth £20 000.</p>		1	1
Ans	(a) £56000000 (b) 5.6×10 ⁷			
2004 P1 Q4	<p>The largest ocean in the world is the Pacific Ocean. Its area is approximately 1.813×10^8 square kilometres. Write this number in full.</p>		1	
Ans	181300000			

2002 P2 Q3	<p>A column is in the shape of a cylinder. It is 450 centimetres high and its diameter is 40 centimetres.</p>			
	<p>(a) Find the volume of the column in cubic centimetres.</p> <p>(b) Write your answer to (a) in scientific notation.</p>		2	1
Ans	(a) 565200 cm^3 (b) 5.652×10^5			
2001 P1 Q4	<p>(a) Write the number 1.5×10^{-1} in full.</p> <p>(b) Mark the position of this number on the number line below.</p>		1	1
Ans	(a) 0.15			
2000 P1 Q2	<p>The distance from the earth to the sun is 1.58×10^5 light years. Write this number in full.</p>		2	
Ans	0.0000158			