7	A
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Viscosity of Fluids



Question: How can viscosity be measured?

- 1 Measuring viscosity
- 2 Setting up your viscometer

There are no questions to answer in parts 1 and 2.

3 Using your viscometer

Follow the procedures and record your data in Table 1.

Table 1: Average velocity of marble in liquid.

Type of liquid	Distance traveled	Time required	Average velocity of marble
Trial 1			
Trial 2			
Trial3			
Find the average of y	your three values for veloc	eity and record it here:	

4 Comparing class data

Each lab group found the data for a different substance. Record the data for each substance in Table 2.

Table 2: Class data for average velocity of marble in liquids of different viscosities

Substance	Avg. velocity of marble in substance at 20°C
group 1:	
group 2:	
group 3:	
group 4:	
group 5:	

5 Analyzing class data

a. Rewrite Table 2, listing the liquids from **least** viscous to **most** viscous.

Substance	Average velocity of marble