Name: Date:

Unit title: How does the flow of liquids compare?

KS2 Quiz

1	What is a variable?
A	Something you measure.
B	Something you change.
C	Something you keep the same.
D	All of the above.

2	Which piece of equipment can be used to measure how quickly a liquid flows?
A	Ruler.
B	Magnifying glass.
C	Weighing scales.
D	Stopwatch.

3	Which of these is a prediction?
A	I think runnier liquids will flow quicker.
B	Honey took over five minutes to flow 10 cm.
C	What is the pattern between viscosity and flow rate?
D	We should measure how long it takes each liquid to flow a total of 10 cm.

4	Put the method steps in the correct order: A. Clean the laminated card. B. Add a drop of liquid to the top of the laminated card and start the stopwatch. C. Repeat the process with different liquids. D. Stop the stopwatch when the liquid reaches the 10 cm mark.

5	Identify the anomalous (odd) result:
A	1.
B	12.
C	13.
D	There are no anomalies.

6	What are the missing units for time taken to flow 10 cm on the graph?
A	Grams.
B	Minutes.
C	Centimetres.
D	Metres.

7	Which liquid flowed the slowest?
A	Vinegar.
B	Maple syrup.
C	Water.
D	Sunflower oil.

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8	**Which of these is a conclusion?**
A	I think runnier liquids will flow quicker.
B	Honey took over five minutes to flow 10 cm.
C	What is the pattern between viscosity and flow rate?
D	We should measure how long it takes each liquid to flow a total 10 cm.

9	**Which of these does not improve the degree of trust?**
A	Estimating the results.
B	Keeping control variables the same.
C	Comparing group and class data.
D	Repeating readings.

10	**Suggest a method to test if the temperature of honey affects how fast it flows.**