

Question number	Answer	Notes	Marks
12	<p>M1 pressure greater in the full cup / less in the half-full cup ;</p> <p>M2 reference to equation / $p = W \div A$ / $p = h \times \rho \times g$</p> <p>M3 ;</p> <p>M4 {depth / mass / weight} of liquid / force different in each cup ;</p> <p>density / g / area the same for each cup ;</p>	<p>ACCEPT: F in place of W</p> <p>IGNORE: amount of coffee different</p>	4

Total 4 marks