

Loose sheet for question 13

FUEL	MOLECULAR FORMULA	NUMBER OF ATOMS IN A MOLECULE	TEMPERATURE OF WATER BEFORE HEATING IN °C	TEMPERATURE OF WATER AFTER HEATING IN °C	TEMPERATURE INCREASE IN °C
methanol	CH <sub>4</sub> O	6	20	29	9
ethanol	C <sub>2</sub> H <sub>6</sub> O	9	18	30	12
propanol	C <sub>3</sub> H <sub>8</sub> O	12	18	32	14
butanol	C <sub>4</sub> H <sub>10</sub> O	15	18	34	16
pentanol	C <sub>5</sub> H <sub>12</sub> O	18	20	35	15