

## Unit 4 - activity

(d) Ethyl ethanoate has three isomers which are also esters.

(i) Draw the structures of these three isomers.

(2)

| Question number | Answer   | Additional guidance               | Mark |
|-----------------|--|-----------------------------------|------|
| 19(d)(i)        | <p>An answer that makes reference to the following points:</p> <ul style="list-style-type: none"><li>• <math>\text{HCOOCH}_2\text{CH}_2\text{CH}_3</math></li><li>• <math>\text{HCOOCH}(\text{CH}_3)_2</math></li><li>• <math>\text{CH}_3\text{CH}_2\text{COOCH}_3</math></li></ul> <p>All three correct scores two marks, any two correct scores one mark</p> | Allow displayed/skeletal formulae | 2    |