

## 37 $R_f$ values and GLC – Part 2 —Answers

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### Answers

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Work through these after trying the questions yourself.

**37.6**  $R_f = \text{spot distance} \div \text{solvent distance}$ .

**37.7** Between 0 and 1.

**37.8** Smaller.

**37.9** A carrier gas.

**37.10** A separated component, at its retention time.

**37.11** Substance Y. Its smaller  $R_f$  (0.3) means it moved a shorter distance up the plate, which happens when a substance clings more strongly to the stationary phase (and so travels less with the solvent).