

Cherry Picking Method



**What is 300 metres tall and made of jelly
and custard with a cherry on top ?**

~ The Trifle Tower ~

7.1 Grow Then Pick

(a) Use the cherry picking method to write as products of primes.

(i) 666

(ii) 900

[3, 3 marks]

(b) Hence simplify $\frac{666}{900}$

[4 marks]

7.2 Exercise

Marks available : 40

Question 1

- (a) Use the cherry picking method to write as products of primes.
(i) 308 (ii) 560

[3, 3 marks]

- (b) Hence simplify $\frac{308}{560}$

[4 marks]

Question 2

- (a) Use the cherry picking method to write as products of primes.
(i) 675 (ii) 750

[3, 3 marks]

- (b) Hence simplify $\frac{675}{750}$

[4 marks]

Question 3

(a) Use the cherry picking method to write as products of primes.

(i) 5775

(ii) 6050

[3, 3 marks]

(b) Hence simplify $\frac{5775}{6050}$

[4 marks]

Question 4

Write $\frac{2079}{1694}$ as a mixed number fraction in the form $a \frac{b}{c}$

[10 marks]

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Teachers may obtain detailed worked solutions to the exercises by email from mhh@shrewsbury.org.uk