

M1.(a) Sight of one five bar gate

B1

All three tallies correct

B1

All three frequencies correct
ft their tallies

B1ft

(b) Suitable vertical scale with equal increments

B1

Bars on horizontal axis labelled

B1

Three correct bars with equal gaps

ft their scale

B1 for one or two bars of correct height (condone no or unequal gaps, and unequal widths)

B1 for a vertical line graph with three correct heights

SC2 for correct bar chart with labels for Chocolate (5),

Vanilla (6) and Strawberry (4) with no more than one error

B2ft

[7]

M2.(red, 1)

red, 2

red, 3

blue, 1

blue, 2

blue, 3

*B1 for 4 correct
 B1 for 5 correct and 1 incorrect
 B0 for 5 correct and 2 incorrect
 B0 for 4 correct and 1 incorrect
 Ignore repeats (which may be reversed)*

B2
[2]

M3.

(a) Evidence of subtraction

eg, 'carrying' of 1

Subtraction of 1000, then 200, then 30 813 – 30

Or adding on from 1230 to 2013

M1

783

A1

(b) Sight of 2031

B1

Their 2031 – 2013

or adding on from 2013 to their 2031

M1

18

ft 4 digit number using 0, 1, 2, and 3 when 2031 has not been seen

A1ft
[5]

M4. Meets all 4 criteria

B2 Their 2 values meet any 3 criteria

(x =) 64 and (y =) 27

B1 Their 2 values meet any 2 criteria

or

B1 Reversed (x =) 27 and (y =) 64

B1 Reversed (x =) 64 and (y =) 81

(x =) 81 and (y =) 64

SC2 (x =) 8^2 and (y =) 3^3 with no working

SC2 (x =) 9^2 and (y =) 4^3 with no working

SC1 a two digit square number subtract either 27 or 64

SC1 full list of two digit squares 16,25,36,49,64,81 with 27 and 64

B3

[3]

M5. 6

B1 for twice as many 20s as 10s or coins total £1.50

B2

[2]