M1. Correct order **and** all four correct

values seen in same format

3, 3.15, 3.25, 3.5(0)

or 3, $3\frac{15}{100}$, $3\frac{25}{100}$, $3\frac{50}{100}$

or 3, $3\frac{3}{20}$, $3\frac{1}{4}$, $3\frac{1}{2}$

or 300(%), 315(%), 325(%), 350(%)

or $\sqrt{9}$, 3.15, $\frac{13}{4}$, $3\frac{1}{2}$ after values

seen in same format
> *oe*
> *B2 all four correct values in same format*
> *or*
> *three correct values in same format and correct order for their values*
> *B1 three correct values in same format*
> *SC1 $\sqrt{9}$, 3.15, $\frac{13}{4}$, $3\frac{1}{2}$ with no working*

B3

[3]

M2. (a) $\frac{30}{100}$ or $\frac{3}{10}$

> *oe any equivalent fraction eg* $\frac{15}{50}$, $\frac{6}{20}$

B1

Additional Guidance

Accept equivalent fractions such as $\frac{15}{50}$, $\frac{6}{20}$ etc

Do not accept decimal answer such as 0.3, 0.30 etc.

Note: $\dfrac{1}{3}$ in working with $\dfrac{3}{10}$ on answer line is B1

(b)   0.8 or 0.80

      oe decimal

B1

Additional Guidance

Accept 0.8, 0.80, 0.800, 0.8000 etc

Do not accept fraction answer such as $\dfrac{80}{100}$, $\dfrac{8}{10}$ etc.

(c) $0.\dot{6}$ and $\dfrac{66}{99}$

     B1 one correct
     or one correct and one incorrect
     or two correct and one incorrect
     any clear indication

B2

[4]

M3.(a) $\dfrac{19}{7}$

     Must be a fraction

B1

(b) $\dfrac{16}{24}$

B1

(c) $\dfrac{9}{2} = 4.5$

B1

[3]

M4. 65%   0.76 $\frac{2}{3}$

B2 for 2 correct (and 1 incorrect) or 3 correct and 1 incorrect
B1 for 1 correct (and 1 incorrect) or 2 correct and 2 incorrect

B3

[3]

M5. (a)   3.6

B1

(b)   0.325   0.5   0.62

B1

(c) $\frac{4}{5}$ and 80%

B1 for one correct (and one incorrect) or for two correct and one incorrect
Any indication

B2

[4]

M6. top row: (0).5 (0)

B2 two correct

middle row: 75(%)

B1 one correct

bottom row: $\frac{1}{10}$ or $\frac{10}{100}$ oe

B3

[3]

M7.(a) A

Accept 3.4 (m)

B1

(b) 6.45 or $6\frac{45}{100}$ or $6\frac{9}{20}$

B1

(c) Evidence of an attempt to add any three lengths with a total shown

Total does not have to be correct

M1

A and B and C *oe*

$3.4 + 3\frac{1}{4} + 3.35$

A1

[4]

M8.   (a) 7.5

Not equivalent to $\frac{3}{4}$

or 0.75 or 75%

oe   or other valid reason

B1

(b) $\frac{4}{10}$ and

Not equivalent to $\frac{1}{3}$

oe   or other valid reason

B1

(c)　$\sqrt{125}$

Not an exact square root
> *oe　or other valid reason*

B1

(d)　15

Not a prime number or　other valid reason
> *eg　only multiple of 3*
> *or　only multiple of 5*

B1

[4]

M9.　$3 \div 8$　or　$\dfrac{3}{8} \times 100$　or　$\dfrac{38}{100}$　or　38(%)　or　37.(5%)

M1

0.37(5)

or　$\dfrac{76}{200}$　and　$\dfrac{75}{200}$

or　37.(5%)　and　38(%)
> *oe*

A1

Both numbers in same format and correct conclusion from their values
> *Strand (ii)*
> *Dependent on M1 and correct method(s) for conversion(s)*
> *SC1　for*　$\left(\dfrac{1}{8} =\right) 0.125$　*or　12.5%*

Q1

[3]

M10.   (a)   (0).421875

B1

(b)   (0).422

ft any value 4 decimal places or more

B1 ft

[2]

M11.   (a)   (0).8(0)

B1

(b) $\dfrac{7}{10}$

oe eg $\dfrac{14}{20}$, $\dfrac{70}{100}$

B1

(c)   (0).75

B1

(d)   0.7, $\dfrac{3}{4}$, 80(%)

In any format
Allow correct answer or ft from their answers to a,b,c.

B1 ft

[4]

M12.(a)   50 (%)

B1

(b) $\dfrac{1}{4}$

B1 $\dfrac{4}{16}$ oe

B1 wrong fraction correctly simplified

B2

(c)   Shade the equivalent of 2 squares

B1

[4]

M13.   (a)   (i)   25(%)

B1

(ii)   0.3(0)

B1

(iii)   0.2(0) $\dfrac{1}{4}$ 30(%)

Allow answers written as decimals or percentages

B1

(b)   (i)   12

B1

(ii)   3

B1

(c)   3 ÷ 8   or (1 ÷ 8) × 3

$$\left(\frac{1}{8} = \right) = (0).125$$

oe *or*

M1

(0).375

     SC1 37.5% or 37.5

100

A1

[7]

M14.   (a)   (0).75

B1

90(%)

B1

$\frac{3}{10}$

$$\frac{30}{100}$$

oe *eg*

B1

(b)   30(%), $\frac{3}{4}$, 0.9

oe

B1

[4]