

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: $\frac{1}{3}$ in working with $\frac{3}{10}$ 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 $\frac{80}{100}$, $\frac{8}{10}$ etc.

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

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

B2

[4]

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

Must be a fraction

B1

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

B1

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

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

M1

0.37(5)

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

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 $\left(\frac{1}{8} =\right) 0.125$ 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) $\frac{7}{10}$

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

B1

(c) (0).75

B1

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

In any format

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

B1 ft

[4]

M12.(a) 50 (%)

B1

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

B1 $\frac{4}{16}$ 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) $\frac{1}{4}$ 30(%)

Allow answers written as decimals or percentages

B1

(b) (i) 12

B1

(ii) 3

B1

(c) $3 \div 8$ or $(1 \div 8) \times 3$

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

M1

(0).375

SC1 37.5% or 37.5 ___

100

A1

[7]

M14. (a) (0).75

B1

90(%)

B1

$$\frac{3}{10}$$

oe eg $\frac{30}{100}$

B1

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

B1

[4]