Mark schemes

1. 10

[1]

2. Award **ONE** mark for two correct answers, as shown:

length = | 19 cm |

width = | 9.1 cm |

[1]

3. The correct number circled as shown:

9,700   907   9,007   970   (9,070)

Accept alternative unambiguous positive indications, e.g. number ticked.

[1]

4. Award **TWO** marks for all three calculations completed correctly, as shown:

5.3 [÷ 10] = 0.53

5.3 [× 1000] = 5300

5.3 [÷ 100] = 0.053

If the answer is incorrect, award **ONE** mark for two calculations correct.

Up to 2

[2]

5. 45.46 litres

[1]

6. Any set of four digits which make the calculation correct, eg:

| 3 | 5 | 0 | ÷ 10 = | 3 | 5 |

Accept 300 ÷ 10 = 30
All four digits must be given.
***Do not** accept*

| | 3 | 0 | ÷ 10 = | 3 | |

[1]

7. (a) Indicates 134 or 143

1

(b) Indicates 431

1

(c) Indicates 0

Working need** not **be shown for the award of any marks.

Accept 0 written outside the card, but not as part of a multi-digit number.

1

Indicates 3140

Accept description of how to make the number 3140 eg

- *Put the card at the end of 314, where 0 has been indicated.*

Accept the use of a comma after the thousands digit eg:

- *3,140*

***Do not accept** the use of a point after the thousands digit eg:*

- *3.140*

1

(d) Indicates 425 or 425·0

Working need** not **be shown for the award of any marks.

Use of decimal point without the 0 eg:

- *425•*

Accept a description of how to make the number 425 with the cards eg:

- *Remove the decimal point.*
- *Subtract the •.*
- *Move the • up one place right.*

1

Indicates 4250

Accept indication of the correct use of the cards, eg:

- *4, 2, 5*
- 4 2 5

Accept alternative uses of the decimal point or 0, eg:

- *4250•*
- *4250•0*

Accept a description of how to make the number 4250 with the cards, eg:

- *Put 0 on the end and take away the dot.*
- *Move the numbers 2 to the left.*

Accept indication of the correct use of the cards, eg:

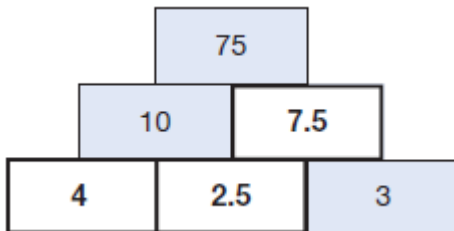- ④ + ② + ⑤ + ⑩
- | 4 | 2 | 5 | 0 |

1

[6]

8. Gives the three correct numbers in their correct positions, ie:

-

Accept unambiguous indication

Accept equivalent fractions, eg:

- $7\dfrac{5}{10}$ *for 7.5*

2

or

Gives two correct numbers in their correct positions

1

[2]

9. 34

[1]