

Yr 4 Measures and data Unit 1 (4967)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Converting cm and m Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE complete Table 1 and try Table 2.

Working at ARE complete Tables 1 and 2.

Greater Depth complete Tables 2 and 3.

Day 2 Measuring in mm and cm Sheet 1

When printing this sheet ensure printer settings are on 'actual size' otherwise the lines may be a different size to those on the answer sheet.

Working towards ARE

Day 2 Measuring in mm and cm Sheet 2

Working at ARE

Day 2 Measuring in mm and cm Sheet 3

Greater Depth

Converting cm and m

Sheet 1

Convert the measurements to complete the tables:

Table 1

| cm | m and cm | m |
|--------|-----------|--------|
| 100 cm | 1 m 0 cm | 1 m |
| 50 cm | 0 m 50 cm | 0.5 m |
| | 2 m 0 cm | 2 m |
| 15 cm | | 0.15 m |
| | 0 m 25 cm | 0.25 m |
| 320 cm | 3 m 20 cm | |

Table 2

| cm | m and cm | m |
|--------|-----------|--------|
| | 0 m 10 cm | 0.1 m |
| 575 cm | | 5.75 m |
| 60 cm | 0 m 60 cm | |
| | 2 m 4 cm | |
| 88 cm | | |
| | | 4.1 m |

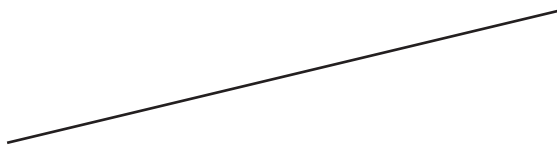
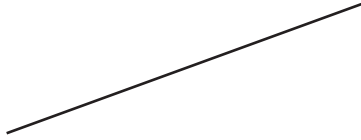
Table 3

| cm | m and cm | m |
|--------|-----------|--------|
| 603 cm | | |
| | 0 m 19 cm | |
| | | 9.26 m |
| | | 0.34 m |
| | 0 m 7 cm | |
| 721 cm | | |

Measuring in mm and cm

Sheet 1

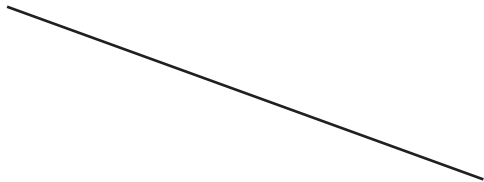
Measure these lines. Write the measurements underneath in mm and then in cm and mm, e.g. 45mm = 4cm 5mm.



Measuring in mm and cm

Sheet 2

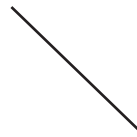
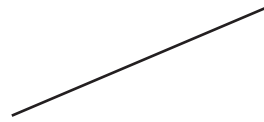
Measure these lines. Write the measurements underneath in mm and then in cm and mm, then as a decimal, e.g. 45mm = 4cm 5mm = 4.5cm.



Measuring in mm and cm

Sheet 3

Measure these lines. Write the measurements underneath in mm and then in cm and mm, then as a decimal, e.g. 45mm = 4cm 5mm = 4.5cm.



Measures and data

Answers

Day 1 Converting cm and m Sheet 1

Table 1

| cm | m and cm | m |
|--------|-----------|--------|
| 100 cm | 1 m 0 cm | 1 m |
| 50 cm | 0 m 50 cm | 0.5 m |
| 200 cm | 2 m 0 cm | 2 m |
| 15 cm | 0 m 15 cm | 0.15 m |
| 25 cm | 0 m 25 cm | 0.25 m |
| 320 cm | 3 m 20 cm | 3.2 m |

Table 2

| cm | m and cm | m |
|--------|-----------|--------|
| 10 cm | 0 m 10 cm | 0.1 m |
| 575 cm | 5 m 75 cm | 5.75 m |
| 60 cm | 0 m 60 cm | 0.6 m |
| 204 cm | 2 m 4 cm | 2.04 m |
| 88 cm | 0 m 88 cm | 0.88 m |
| 410 cm | 4 m 10 cm | 4.1 m |

Table 3

| cm | m and cm | m |
|--------|-----------|--------|
| 603 cm | 6 m 3 cm | 6.03 m |
| 19 cm | 0 m 19 cm | 0.19 m |
| 926 cm | 9 m 26 cm | 9.26 m |
| 34 cm | 0m 34 cm | 0.34 m |
| 7 cm | 0 m 7 cm | 0.07 m |
| 721 cm | 7 m 21 cm | 7.21 m |

Day 2 Measuring in mm and cm Sheet 1



$50 \text{ mm} = 5 \text{ cm } 0 \text{ mm}$



$80 \text{ mm} = 8 \text{ cm } 0 \text{ mm}$



$20 \text{ mm} = 2 \text{ cm } 0 \text{ mm}$



$60 \text{ mm} = 6 \text{ cm } 0 \text{ mm}$



$45 \text{ mm} = 4 \text{ cm } 5 \text{ mm}$



$75 \text{ mm} = 7 \text{ cm } 5 \text{ mm}$

Measures and data

Answers

Day 2 Measuring in mm and cm Sheet 2

$$30 \text{ mm} = 3 \text{ cm } 0 \text{ mm} = 3 \text{ cm}$$

$$85 \text{ mm} = 8 \text{ cm } 5 \text{ mm} = 8.5 \text{ cm}$$

$$55 \text{ mm} = 5 \text{ cm } 5 \text{ mm} = 5.5 \text{ cm}$$

$$42 \text{ mm} = 4 \text{ cm } 2 \text{ mm} = 4.2 \text{ cm}$$

$$67 \text{ mm} = 6 \text{ cm } 7 \text{ mm} = 6.7 \text{ cm}$$

$$73 \text{ mm} = 7 \text{ cm } 3 \text{ mm} = 7.3 \text{ cm}$$

Day 2 Measuring in mm and cm Sheet 3

$$40 \text{ mm} = 4 \text{ cm } 0 \text{ mm} = 4 \text{ cm}$$

$$37 \text{ mm} = 3 \text{ cm } 7 \text{ mm} = 3.7 \text{ cm}$$

$$61 \text{ mm} = 6 \text{ cm } 1 \text{ mm} = 6.1 \text{ cm}$$

$$24 \text{ mm} = 2 \text{ cm } 4 \text{ mm} = 2.4 \text{ cm}$$

$$96 \text{ mm} = 9 \text{ cm } 6 \text{ mm} = 9.6 \text{ cm}$$

$$17 \text{ mm} = 1 \text{ cm } 7 \text{ mm} = 1.7 \text{ cm}$$