

# Master Maths 7 Worksheet 43

## Length 2 - Conversions

# 43

*Name:* \_\_\_\_\_

**1.** Convert the following lengths to the units shown.

- |                 |  |    |
|-----------------|--|----|
| (a) 3 m =       |  | cm |
| (b) 7000 mm =   |  | m  |
| (c) 0.8 km =    |  | m  |
| (d) 850 mm =    |  | cm |
| (e) 730 cm =    |  | m  |
| (f) 63 cm =     |  | mm |
| (g) 82 000 m =  |  | km |
| (h) 75 cm =     |  | m  |
| (i) 568 mm =    |  | cm |
| (j) 0.3 m =     |  | mm |
| (k) 4.7 m =     |  | cm |
| (l) 0.0425 km = |  | m  |
| (m) 6.5 cm =    |  | m  |

**2.** Convert the following lengths to the units shown.

- |                   |  |    |
|-------------------|--|----|
| (a) 3 m 25 cm =   |  | cm |
| (b) 6 cm 8 mm =   |  | mm |
| (c) 12 km 350 m = |  | km |
| (d) 9 m 9 cm =    |  | cm |
| (e) 10 m 60 mm =  |  | m  |

**3.** Round the following lengths to the nearest metre.

- |                 |              |
|-----------------|--------------|
| (a) 5 m 70 cm   | (b) 6.73 m   |
|                 |              |
| (c) 8 m 93 mm   | (d) 3 m 9 cm |
|                 |              |
| (e) 12 m 439 mm | (f) 768 cm   |
|                 |              |

**4.** Dave is paving a walkway that is 1.8 metres wide. He has chosen a paving block that is square with a side length of 300 mm.

(a) How many of the paving blocks will fit across the walkway?

(b) The walkway is 9 metres long. How many paving blocks will be needed to fully pave the walkway?

**5.** Jack measured his pace to be 55 cm. He walked to school and counted 654 paces.

How many metres is the school from Jack's house?