

## Measures, Shape and Space: Activity 1

### Metric unit dominoes

This is a domino game to play with the other learners in your group. It will give you lots of practice in using metric units.

Place all the dominoes face down on the table and mix them up.

Each player takes three dominoes. The remaining dominoes become the draw pile.

Take the top domino from the draw pile and place it face up on the table.

The first player matches one of their dominoes to either end of the first domino, if they can. If they can't play, then the player picks up another domino from the draw pile. The next player then tries to match one of their dominoes to either end of the dominoes on the table. Players take turns and continue to play in this way.

Only one domino may be played at each turn.

The first person to place all their dominoes is the winner.

#### **Additional task:**

Take one domino and pick one of the measurements on it. Can you think of something in real life that has this length, roughly?

2m

400cm

4m

20mm

2cm

7 000m

7km

90mm

9cm

100cm

1m

62cm

620mm

300mm

30cm

3m

300cm

3km

3 000m

80mm

8cm

900cm

9m

6km

6 000m

1 km

1 000m

500mm

50cm

5cm

50mm

6m

6 000mm

70cm

700mm

100mm

10cm

10 000m

10km

250mm

25cm

200cm

Set 1 dominoes

2m

400cm

4m

20mm

2cm

7 000m

7km

90mm

9cm

100cm

1m

62cm

620mm

300mm

30cm

3m

**300cm**

**3km**

**3 000m**

**80mm**

**8cm**

**900cm**

**9m**

**6km**

**6 000m**

**1km**

**1 000m**

**500mm**

**50cm**

**5cm**

**50mm**

**6m**

**6 000mm**

**70cm**

**700mm**

**100mm**

**10cm**

**10 000m**

**10km**

**250mm**

**25cm**

**200cm**

**Set 1 dominoes**

$\frac{1}{4}m$

423cm

4.23m

42mm

4.2cm

7650m

7.65km

12mm

1.2cm

208cm

2.08m

28cm

280mm

3.6cm

36mm

31m

3100cm

3.01km

3010m

31mm

3.1cm

9020mm

9.02m

90km

90000m

1.7km

1700m

503mm

50.3cm

50cm

$\frac{1}{2}m$

6.4m

**6 400mm**

**73cm**

**730mm**

**11cm**

**110mm**

**10 400m**

**10.4km**

**7.06cm**

**70.6mm**

**250mm**

**Set 2 dominoes**

**$\frac{1}{4}$ m**

**423cm**

**4.23m**

**42mm**

**4.2cm**

**7 650m**

**7.65km**

**12mm**

**1.2cm**

**208cm**

**2.08m**

**28cm**

**280mm**

**3.6cm**

**36mm**

**31m**

**3 100cm**

**3.01km**

**3 010m**

**31mm**

**3.1cm**

**9 020mm**

**9.02m**

**90km**

**90 000m**

**1.7km**

**1 700m**

**503mm**

**50.3cm**

**50cm**

**$\frac{1}{2}$ m**

**6.4m**

**6 400mm**

**73cm**

**730mm**

**11cm**

**110mm**

**10 400m**

**10.4km**

**7.06cm**

**70.6mm**

**250mm**

**Set 2 dominoes**