There and Back

MathApex

Name: _____ Date: _____

Watch video

From the video 1 km 200 m = 1200 m, there and back → **1200 × 2 = 2400 m**

1 Now it's your turn!

Lena's way to school is 2 km 300 m long. How many meters does she walk there and back?

2 km 300 m = 2300 m. There and back is double.

2300 × 2 = ☐ **m**

2 km and m.

1 km = 1000 m. Convert.

	m
4 km	
5 km 5 m	
3 km 50 m	

	km	m
7500 m		
1200 m		
3500 m		

3 Other units.

1 kg = 1000 g, 1 l = 1000 ml, 1 m = 100 cm, 1 km = 1000 m.

7 kg = ☐ **g**

2 l = ☐ **ml**

2 m = ☐ **cm**

4 Calculate with units.

a) 3 km 250 m + 1 km 500 m =

☐ **m**

b) 2 km 750 m + 1 km 250 m =

☐ **m**

Tip: convert everything to m.

5 Think backwards.

5 identical pieces are 3000 m long altogether. How long is one piece?

3000 ÷ 5 = ☐ **m**

★ Brain teaser

A path is 4 km 250 m long. How long are 2 such paths? Write the result in km and m.

_____

_____

6 The units chart.

	km	m
4600 m		
8750 m		
1250 m		
3005 m		

Split each amount into km and m.

MathApex

MATH STORY 90 · ANSWERS

There and Back

Watch video

1 Now it's your turn!

2300 × 2 = 4600 m = 4 km 600 m

2 km and m.

4 km = 4000 m
3 km 50 m = 3050 m
1200 m = 1 km 200 m
5 km 5 m = 5005 m
7500 m = 7 km 500 m
3500 m = 3 km 500 m

3 Other units.

7 kg = 7000 g
2 l = 2000 ml
2 m = 200 cm

4 Calculate with units.

3250 + 1500 = 4750 m
2750 + 1250 = 4000 m

5 Think backwards.

3000 ÷ 5 = 600 m

★ Brain teaser

8500 m = 8 km 500 m

6 The units chart.

4600 m = 4 km 600 m
1250 m = 1 km 250 m
8750 m = 8 km 750 m
3005 m = 3 km 5 m

For parents and teachers: This worksheet goes with the video "There and Back" (Math Story 90, Grade 4). Converting units: 1 km = 1000 m. Convert mixed amounts to the small unit first, then calculate, and convert back at the end.

More Math Stories with video and worksheet: **www.mathapex.app/en/math-stories/**