Meters and Centimeters

MathApex

Name: _____ Date: _____

Watch video

From the video 1 m = 100 cm, 30 cm sawn off → **100 − 30 = 70 cm**

1 Now it's your turn!

A board is 2 m long. Dad saws off 65 cm. How many centimeters are left?

2 m = 200 cm. Then calculate in cm.

200 − 65 = ☐ **cm**

2 m and cm.

1 m = 100 cm. Convert.

	cm
5 m 5 cm	
2 m 250 cm	
4 m	

	m	cm
350 cm		
120 cm		
400 cm		

3 Other units.

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

5 kg = ☐ **g**

3 l = ☐ **ml**

7 km = ☐ **m**

4 Calculate with units.

a) 5 m 100 cm + 2 m 600 cm =

☐ **cm**

b) 4 m + 2 m 500 cm =

☐ **cm**

Tip: convert everything to cm.

5 Think backwards.

3 identical pieces are 1800 cm long altogether. How long is one piece?

1800 ÷ 3 = ☐ **cm**

Brain teaser

A board is 3 m 75 cm long. How long are 2 boards? Write the result in m and cm.

_____

_____

6 The units chart.

	m	cm
305 cm		
125 cm		
875 cm		
460 cm		

Split each amount into m and cm.

MathApex

MATH STORY 86 · ANSWERS

Meters and Centimeters

Watch video

1 Now it's your turn!

200 − 65 = 135 cm

2 m and cm.

5 m 5 cm = 505 cm
4 m = 400 cm
120 cm = 1 m 20 cm
2 m 250 cm = 450 cm
350 cm = 3 m 50 cm
400 cm = 4 m 0 cm

3 Other units.

5 kg = 5000 g
3 l = 3000 ml
7 km = 7000 m

4 Calculate with units.

600 + 800 = 1400 cm
400 + 700 = 1100 cm

5 Think backwards.

1800 ÷ 3 = 600 cm

★ Brain teaser

750 cm = 7 m 50 cm

6 The units chart.

305 cm = 3 m 5 cm
875 cm = 8 m 75 cm
125 cm = 1 m 25 cm
460 cm = 4 m 60 cm

For parents and teachers: This worksheet goes with the video "Meters and Centimeters" (Math Story 86, Grade 4). Converting units: 1 m = 100 cm. 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/**