Liters and Milliliters

MathApex

Name: _____ Date: _____

Watch video

From the video 4 glasses of 250 ml each → 4 × 250 = 1000 ml = **1 l**

1 Now it's your turn!

How many liters of soup do we need for 8 bowls of 250 ml?

First find the total in ml, then change it to l: 1000 ml = 1 l.

8 × 250 = ☐ **ml** = ☐ **l**

2 l and ml.

1 l = 1000 ml. Convert.

	ml
1 l 500 ml	
2 l 250 ml	
5 l 5 ml	

	l	ml
4000 ml		
1200 ml		
2050 ml		

3 Other units.

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

3 kg = ☐ **g**

2 m = ☐ **cm**

3 km = ☐ **m**

4 Calculate with units.

a) 2 l 750 ml + 1 l 250 ml =

☐ **ml**

b) 3 l 250 ml + 1 l 500 ml =

☐ **ml**

Tip: convert everything to ml.

5 Think backwards.

3 identical bottles hold 1800 ml altogether. How much is in one?

1800 ÷ 3 = ☐ **ml**

Brain teaser

A jug holds 4 l 250 ml. How much do 2 jugs hold? Write the result in l and ml.

_____

_____

6 The units chart.

	l	ml
8750 ml		
1250 ml		
2070 ml		
4600 ml		

Split each amount into l and ml.

MathApex

MATH STORY 76 · ANSWERS

Liters and Milliliters

Watch video

1 Now it's your turn!

8 × 250 = 2000 ml = 2 l

2 l and ml.

1 l 500 ml = 1500 ml
5 l 5 ml = 5005 ml
1200 ml = 1 l 200 ml
2 l 250 ml = 2250 ml
4000 ml = 4 l 0 ml
2050 ml = 2 l 50 ml

3 Other units.

3 kg = 3000 g
2 m = 200 cm
3 km = 3000 m

4 Calculate with units.

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

5 Think backwards.

1800 ÷ 3 = 600 ml

★ Brain teaser

8500 ml = 8 l 500 ml

6 The units chart.

8750 ml = 8 l 750 ml
2070 ml = 2 l 70 ml
1250 ml = 1 l 250 ml
4600 ml = 4 l 600 ml

For parents and teachers: This worksheet goes with the video "Liters and Milliliters" (Math Story 76, Grade 4). Converting units: 1 l = 1000 ml. Convert mixed amounts to the small unit first, then calculate, and convert back at the end.

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