Kilograms and Grams

MathApex

Name: _____ Date: _____

Watch video

From the video 4 sacks of 1 kg 500 g each → 4 kg + 2000 g → **4 + 2 = 6 kg**

1 Now it's your turn!

6 sacks weigh 1 kg 500 g each. How many kilograms in all?

6 times 1 kg is 6 kg. 6 times 500 g is 3000 g = 3 kg.

6 + 3 = ☐ **kg**

2 kg and g.

1 kg = 1000 g. Convert.

	g
1 kg 20 g	
2 kg 250 g	
1 kg 500 g	

	kg	g
1200 g		
7500 g		
4000 g		

3 Other units.

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

7 l = ☐ **ml**

3 m = ☐ **cm**

7 km = ☐ **m**

4 Calculate with units.

a) 5 kg 100 g + 2 kg 600 g =

☐ g

b) 4 kg + 2 kg 500 g =

☐ g

Tip: convert everything to g.

5 Think backwards.

3 identical parcels weigh 1800 g altogether. How much does one weigh?

1800 ÷ 3 = ☐ **g**

★ Brain teaser

A parcel weighs 4 kg 250 g. How much do 2 parcels weigh? Write the result in kg and g.

_____

_____

6 The units chart.

	kg	g
2070 g		
1250 g		
4600 g		
8750 g		

Split each amount into kg and g.

MathApex

MATH STORY 75 · ANSWERS

Kilograms and Grams

Watch video

1 Now it's your turn!

6 kg + 3 kg = 9 kg

2 kg and g.

1 kg 20 g = 1020 g
2 kg 250 g = 2250 g
1 kg 500 g = 1500 g
1200 g = 1 kg 200 g
7500 g = 7 kg 500 g
4000 g = 4 kg 0 g

3 Other units.

7 l = 7000 ml
3 m = 300 cm
7 km = 7000 m

4 Calculate with units.

5100 + 2600 = 7700 g
4000 + 2500 = 6500 g

5 Think backwards.

1800 ÷ 3 = 600 g

★ Brain teaser

8500 g = 8 kg 500 g

6 The units chart.

2070 g = 2 kg 70 g
1250 g = 1 kg 250 g
4600 g = 4 kg 600 g
8750 g = 8 kg 750 g

For parents and teachers: This worksheet goes with the video "Kilograms and Grams" (Math Story 75, Grade 4). Converting units: 1 kg = 1000 g. Convert mixed amounts to the small unit first, then calculate, and convert back at the end.

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