<u>L.O.: I can convert between different measurements involving "kilo".</u>   Date: _____

Fluency:

1) Complete the conversions.

1,000 metres = 1 kilometre

2,000 m = _____ km

20,000 g = _____ kg

200 m = _____ km

2,200 g = _____ kg

1,000 grams = 1 kilogram

_____ m = 5 km

_____ g = 15 kg

500 g = _____ kg

_____ m = 1.5 km

2) Find the missing values on the double number line.

3) Compare the measurements using < = >.

5 kg $\bigcirc$ 4,500 g   12 kg $\bigcirc$ 12,000 g

3.7 km $\bigcirc$ 370 m   37,000 m $\bigcirc$ 3.7 km

4) Complete the missing facts.

$\frac{1}{10}$ kilogram = _____ grams $\frac{3}{10}$ km = _____ metres
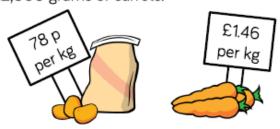
7 kg + $\frac{1}{4}$ kg = _____ g   12 km + _____ km = 12,500 m

Reasoning

5) Solve and explain clearly.

Amir buys 2,500 grams of potatoes and 2,000 grams of carrots.

78 p per kg

£1.46 per kg

He pays with a £5 note.
How much change does he get?

Diving Deeper

6) Tiegan is converting measurements and says, "I have divided by 1,000."
Explain which conversion she could have completed.

3 km $\longrightarrow$ 3,000 m

3,000 m $\longrightarrow$ 3 km

5,500 g $\longrightarrow$ 5.5 kg

2.8 kg $\longrightarrow$ 2,800 g