Kilometer to Meter Conversion

FREE Worksheet - 4

Time: 10 minutes

(Detailed solutions at the end)

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1. A walking trail is 1 km and 817 m long.

   Find the length of the walking trail in metres.

   Answer: _____ m

2. Fill in the blank with 'km' or 'm'.

   A train is about 470 _____ long.

   Answer: _____

3. Last Saturday Anya went to visit her uncle.

   Her uncle lives 8407 m away from her house.

   What is this distance in kilometres and metres?

   Answer: _____ km _____ m

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4. Herbert participated in a 1 km 700 m slow cycle race.

   How far did he slow cycle in metres?

   Answer: _____ m

5. Sofia participated in a 1400 m one-legged race.

   How far did she run in kilometres and metres?

   Answer: _____ km _____ m

SOLUTIONS

Problem 1

We know,
*   1 km = 1000 m*

1 km 817 m	=	1 km + 817 m
	=	1000 m + 817 m
	=	1817 m

The trail is 1817 m long.

Problem 2

It's common to measure the length of a train in metres.
A train of length 470 m is normal.
A train of length 470 km would be too long to exist!

Problem 3

We know,
*   1000 m = 1 km*
So,
*   8000 m = 8 km*

8407 m	=	8000 m + 407 m
	=	8 km + 407 m
	=	8 km 407 m

Problem 4

We know,

   1 km = 1000 m

1 km 700 m	=	1 km + 700 m
	=	1000 m + 700 m
	=	1700 m

He slow cycled **1700 m**.

Problem 5

We know,

   1000 m = 1 km

1400 m	=	1000 m + 400 m
	=	1 km + 400 m
	=	1 km 400 m

She ran **1 km 400 m**.