



Kilometer to Meter Conversion

FREE Worksheet - 2

Time: 10 minutes

(Detailed solutions at the end)

1. Tess's gym is 2 km 292 m from Romeo's gym.

What is the distance between their gyms in metres?

Answer: _____ m

2. Bald eagles can fly up to a height of 3 km 48 m.

Express this height in metres.

Answer: _____ m

3. A certain cargo train is 1 km and 270 m long.

Find the length of the cargo train in metres.

Answer: _____ m



4. Mia participated in a 1300 m sack race.

What was this distance in kilometres and metres?

Answer: _____ km _____ m

5. Write in metres.

8 km 79 m = _____ m



SOLUTIONS

Problem 1

We know,

$$1 \text{ km} = 1000 \text{ m}$$

So,

$$2 \text{ km} = 2000 \text{ m}$$

$$\begin{aligned} 2 \text{ km } 292 \text{ m} &= 2 \text{ km} + 292 \text{ m} \\ &= 2000 \text{ m} + 292 \text{ m} \\ &= 2292 \text{ m} \end{aligned}$$

The distance between their gyms is **2292 m**.

Problem 2

We know,

$$1 \text{ km} = 1000 \text{ m}$$

So,

$$3 \text{ km} = 3000 \text{ m}$$

$$\begin{aligned} 3 \text{ km } 48 \text{ m} &= 3 \text{ km} + 48 \text{ m} \\ &= 3000 \text{ m} + 48 \text{ m} \\ &= 3048 \text{ m} \end{aligned}$$

Bald eagles can fly up to a height of **3048 m**.



Problem 3

We know,

$$1 \text{ km} = 1000 \text{ m}$$

$$\begin{aligned} 1 \text{ km } 270 \text{ m} &= 1 \text{ km} + 270 \text{ m} \\ &= 1000 \text{ m} + 270 \text{ m} \\ &= 1270 \text{ m} \end{aligned}$$

The cargo train is **1270 m** long.

Problem 4

We know,

$$1000 \text{ m} = 1 \text{ km}$$

$$\begin{aligned} 1300 \text{ m} &= 1000 \text{ m} + 300 \text{ m} \\ &= 1 \text{ km} + 300 \text{ m} \\ &= 1 \text{ km } 300 \text{ m} \end{aligned}$$

This distance was **1 km 300 m**.



Problem 5

We know,

$$1 \text{ km} = 1000 \text{ m}$$

So,

$$8 \text{ km} = 8000 \text{ m}$$

$$\begin{aligned} 8 \text{ km } 79 \text{ m} &= 8 \text{ km} + 79 \text{ m} \\ &= 8000 \text{ m} + 79 \text{ m} \\ &= 8079 \text{ m} \end{aligned}$$