



## **Kilometer to Meter Conversion**

**FREE Worksheet - 3**

**Time: 10 minutes**

(Detailed solutions at the end)

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1. Write in kilometres and metres.

$$8024 \text{ m} = \underline{\quad} \text{ km } \underline{\quad} \text{ m}$$

2. The height of Mount Everest, the highest mountain on Earth, is 8 km 848 m.

Express this height in metres.

Answer: \_\_\_\_\_ m

3. Jamie's gym is 4 km 731 m from Forrest's gym.

What is the distance between their gyms in metres?

Answer: \_\_\_\_\_ m

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4. A seashore is 8330 m long.

What is the length of the seashore in kilometres and metres?

Answer: \_\_\_\_\_ km \_\_\_\_\_ m

5. The Pearl Bridge of Japan is 3911 m long.

Express this length in kilometres and metres.

Answer: \_\_\_\_\_ km \_\_\_\_\_ m



## SOLUTIONS

### Problem 1

We know,

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

So,

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

$$\begin{aligned} 8024 \text{ m} &= 8000 \text{ m} + 24 \text{ m} \\ &= 8 \text{ km} + 24 \text{ m} \\ &= 8 \text{ km } 24 \text{ m} \end{aligned}$$

### Problem 2

We know,

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

So,

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

$$\begin{aligned} 8 \text{ km } 848 \text{ m} &= 8 \text{ km} + 848 \text{ m} \\ &= 8000 \text{ m} + 848 \text{ m} \\ &= 8848 \text{ m} \end{aligned}$$

The height of Mount Everest is **8848 m**.



**Problem 3**

We know,

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

So,

$$4 \text{ km} = 4000 \text{ m}$$

$$\begin{aligned} 4 \text{ km } 731 \text{ m} &= 4 \text{ km} + 731 \text{ m} \\ &= 4000 \text{ m} + 731 \text{ m} \\ &= 4731 \text{ m} \end{aligned}$$

The distance between their gyms is **4731 m**.

**Problem 4**

We know,

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

So,

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

$$\begin{aligned} 8330 \text{ m} &= 8000 \text{ m} + 330 \text{ m} \\ &= 8 \text{ km} + 330 \text{ m} \\ &= 8 \text{ km } 330 \text{ m} \end{aligned}$$

The seashore is **8 km 330 m** long.



**Problem 5**

*We know,*

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

*So,*

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

$$\begin{aligned} 3911 \text{ m} &= 3000 \text{ m} + 911 \text{ m} \\ &= 3 \text{ km} + 911 \text{ m} \\ &= 3 \text{ km } 911 \text{ m} \end{aligned}$$

The length of Pearl Bridge is **3 km 911 m**.