

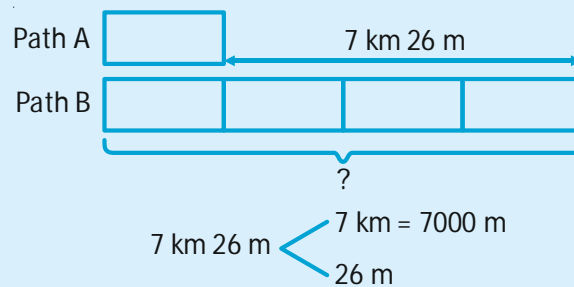
- 01** There are two paths connecting two towns. Path A is 7 km 26 m shorter than Path B. Path B is four times as long as Path A. Find the distance of Path B. Give your answer in km and m.

$$7 \text{ km } 26 \text{ m} = 7026 \text{ m}$$

$$7026 \text{ m} \div 3 = 2342 \text{ m}$$

$$2342 \text{ m} \times 4 = 9368 \text{ m}$$

$$9368 \text{ m} = 9 \text{ km } 368 \text{ m}$$



The distance of path B is 9 km 368 m

- 02** A tube was cut into 9 equal pieces. If each piece was 3 m 19 cm, find the length of the tube.

$$\text{No of pieces of a tube} = 9$$

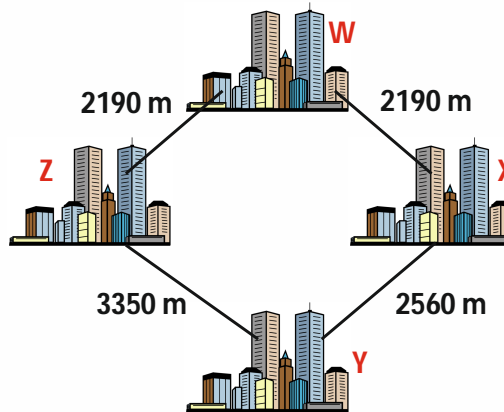
$$1 \text{ piece} = 3 \text{ m } 19 \text{ cm}$$

$$\text{Length of the tube} = 319 \text{ cm} \times 9$$

$$= 2871 \text{ cm} = 28 \text{ m } 71 \text{ cm}$$

**03**

The figure below shows the roads connecting Towns W, X, Y and Z. Mr. Nitin drives from Town W to Town Y. If he takes the longer path, how many more metres will he travel than if he takes the shorter path ?



Distance from town W to town Y

$$\begin{aligned} \text{1st path} &= \text{W to Z and Z to Y} \\ &= 2190 \text{ m} + 3350 \text{ m} = 5540 \text{ m} \end{aligned}$$

$$\begin{aligned} \text{2nd path} &= \text{W to X and X to Y} \\ &= 2190 \text{ m} + 2560 \text{ m} = 4750 \text{ m} \end{aligned}$$

More metres he has to travel if he takes shorter path

$$= 5540 \text{ m} - 4750 \text{ m} = 790 \text{ m}$$

04

A bottle can hold four times as much water as a tin. A mug can hold half as much water as the bottle. If the mug can hold 920 ml more water than the tin, how much water can the three containers hold altogether? Give your answer in l and ml.

Water in mug = 2 tins of water

One tin + 920 ml = 2 tins of water

Water in one tin = 920 ml

Water in 3 containers = 4 tins + 2 tins + one tin

= 7 tins =  $7 \times 920 \text{ ml} = 6440 \text{ ml}$

= 6 l 440 ml

