

Kilometres

1. Three birds flew in the sky until their wings needed a rest.

A.		5,000m
B.		6,250m
C.		$3\frac{1}{2}$ km

Order the distances they flew from furthest to shortest. Write your answer in kilometres.

VF

4. Which comparison statement is correct?

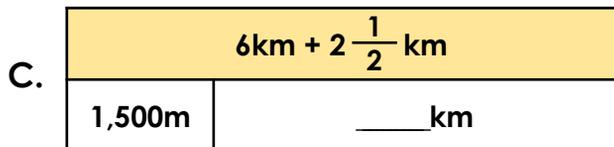
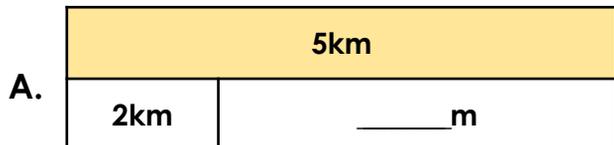
A. $\frac{1}{2}$ of 8km = 4,000m < 2km + 1km

B. 7km = double $3\frac{1}{2}$ km > 6,700m

Explain how you know.

R

2. Complete the bar models.



VF

5. When combined, which three distances total between 5,000m and $5\frac{1}{2}$ km?

$4\frac{1}{2}$ km 950m

200m

$1\frac{1}{4}$ km 4km

Find two possibilities.

PS

3. Match up the equal distances to calculate the value of the hidden measurement.

$5\text{km} - 3\frac{1}{2}\text{ km}$

$4\frac{1}{4}\text{ km}$

4,250m

4,500m

3km

 m

$4\frac{1}{2}\text{ km}$

3,000m

VF

6. Mika has travelled $4\frac{1}{4}$ km in a taxi. Ralph has travelled $\frac{1}{2}$ km more than 3,850m in a taxi.

Ralph says,



My taxi ride was longer by 100km.

Is Ralph correct? Explain your answer.

R

Kilometres

- $6\frac{1}{4}$ km, 5km, $3\frac{1}{2}$ km
- A. 3,000m; B. 675m; C. 7km
- $4,250\text{m} = 4\frac{1}{4}$ km; $3\text{km} = 3,000\text{m}$; $4\frac{1}{2}$ km = 4,500m. The missing value is 1,500m because $5\text{km} - 3\frac{1}{2}$ km = 1,500m
- Statement B is correct because double $3\frac{1}{2}$ km equals 7km. $7\text{km} = 7,000\text{m}$ which is greater than 6,700m. Statement A is incorrect because $4,000\text{m} = 4\text{km}$ which is greater than 3km.
- $1\frac{1}{4}$ km + 200m + 4km = 5,450m and $4\text{km} + 200\text{m} + 950\text{m} = 5,150\text{m}$
- Ralph is incorrect because he travelled 4,350m whilst Mika travelled 4,250m, so the distance Ralph travelled in the taxi was 100 metres longer.