

## Kilograms and Kilometres

Ryan is trying to work out a route for his journey. He estimates the different lengths of various routes on a map.

Lengths of Routes	
2.62 km	0.95 km
$1\frac{1}{5}$ km	2,150 m
3,450 m	6.11 km
0.45 km	1,980 m
$2\frac{3}{4}$ km	$\frac{1}{2}$ km



Using at least 6 different routes above, explore which combinations he could choose that would add up to less than 10 km in total. Copy and paste the template as needed.

Various answers, for example:  $0.95 \text{ km} + 1\frac{1}{5} \text{ km} + 2,150 \text{ m} + 3,450 \text{ m} + 0.45 \text{ km} + \frac{1}{2} \text{ km} = 8,700 \text{ m}$  or  $8.7 \text{ km}$  or  $8\frac{7}{10} \text{ km}$ .