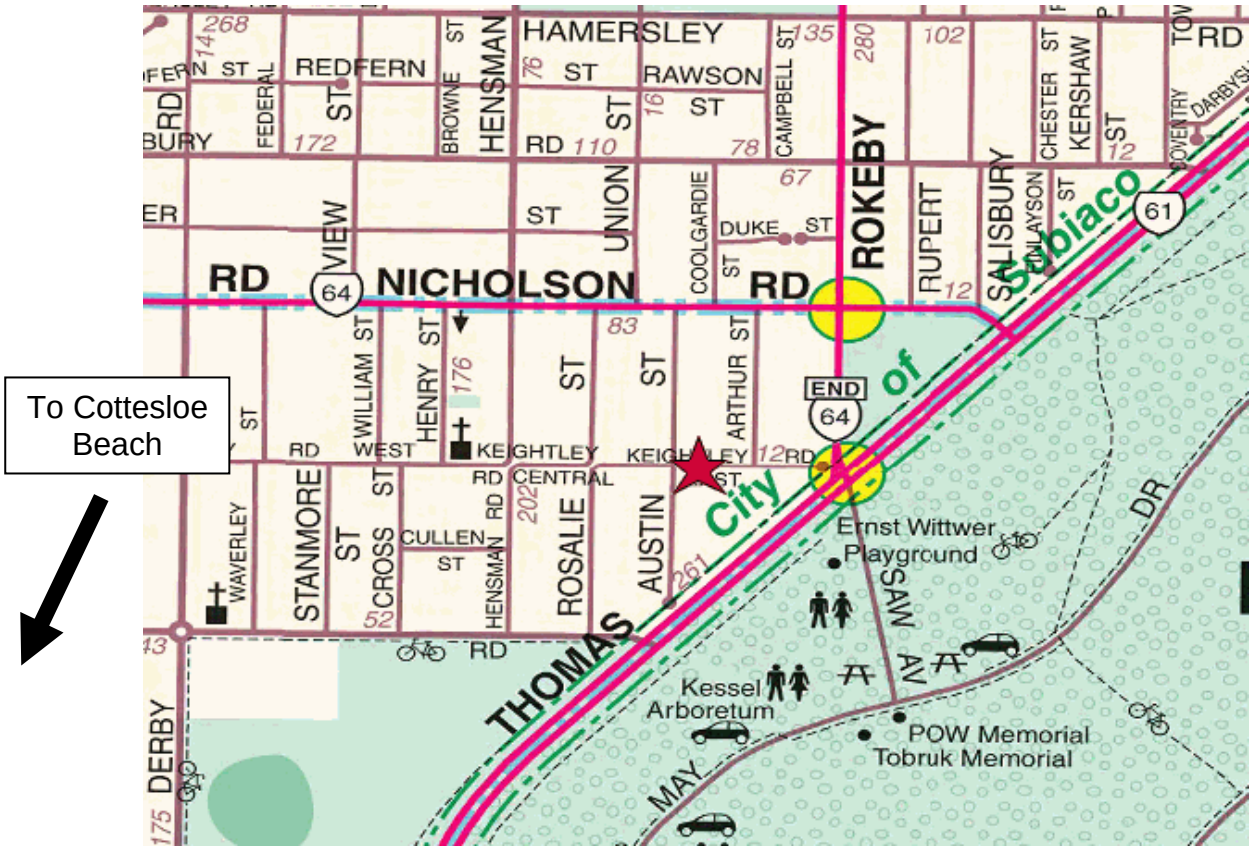
HOW FAR IS IT?...



scale: 2 centimetres is 150 metres

a. Jo attends Rosalie Primary School shown by the star in the middle of this map. She lives on the corner of Nicholson Rd and Rupert St.
How far does she walk to school?
Show all your working and explain your answer in as much detail as possible.

b. The school is organizing a walkathon. The route is the block formed by Keightley Rd, Arthur St, Nicholson Rd, and Austin St. How many laps would be needed for a walk at least 5 kilometres long?
Show all your working and explain your answer in as much detail as possible.

c. It is 8.6 kilometers from Jo's house to Cottesloe Beach. Using a scale of 150 metres to 2 centimetres, how far would this be on the map?
Show all your working so we can understand your thinking.

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SCORING RUBRIC

HOW FAR IS IT? …		
TASK:	**RESPONSE:**	**SCORE**
a.	No response or incorrect with no working and/or explanation	**0**
	Incorrect/incomplete, eg, working out approx 5 cm on map only, or correct (approx 375 m), with little/no working	**1**
	Correct (approx 375 m), with evidence of appropriate attention to scale	**2**
b.	No response or incorrect with little/no working and/or explanation	**0**
	Incorrect/incomplete, eg, working out approx 6 cm on map only, or 11.1 laps, or correct (12 laps), with little/no working	**1**
	Correct (12 laps), with evidence of appropriate attention to scale and context	**2**
c.	No response	**0**
	Incorrect/incomplete but evidence of some appropriate reasoning/working	**1**
	Correct (114.66 or 115 cm), with little/no working	**2**
	Correct (114.66 or 115 cm), based on appropriate reasoning, eg, ratio 300 m to 4 cm etc, or appropriate working, eg, 8600 divided by 150, multiplied by 2	**3**

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