

Question	Answer	Mark	Mark scheme	Additional guidance
<div>11</div> <div>(a)</div> <div>(b)</div>	<div>16</div> <div>48</div>	<div>B1</div> <div>M1</div> <div>M1</div> <div>A1</div>	<div>cao</div> <div>for taking a suitable reading from the graph that could be used to convert, eg 25 km = 15.5 miles or 17 miles = 27.2 km</div> <div>ft, for a complete method, eg “15.5” \times 2 + 17 or (“27.2” + 50) \div 1.6</div> <div>for an answer in the range 47 – 49.5</div>	<div>Allow a tolerance of one small square for the reading eg</div> <div>10 km = 6 – 6.5 miles</div> <div>20 km = 12.25 – 12.75 miles</div> <div>25 km = 15.25 – 15.75 miles</div> <div>30 km = 18.5 – 19 miles</div> <div>for miles to km allow</div> <div>1 mile = 1.6 km</div> <div>17 miles = 27 – 28 km</div> <div>For ft, allow use of their stated conversions but they must be conversions that could have come from graph</div>