

**Y4 – Spring – Block 2 – Step 2 – Equivalent lengths (kilometres and metres) Answers**

Question	Answer																																										
1	a) There are <b>2,000</b> m in 2 km. b) There are <b>3,000</b> m in 3 km. c) There are 5,000 m in <b>5</b> km.																																										
2	a) 1,000 m = <b>1</b> km b) 9,000 m = <b>9</b> km c) <b>8,000</b> m = 8 km d) <b>4</b> km = 4,000 m e) 7 km = <b>7,000</b> m f) <b>3 km</b> = 3,000 m																																										
3	a) 6,000 m = <b>6</b> km 6,100 m = <b>6</b> km <b>100</b> m 6,200 m = <b>6</b> km <b>200</b> m 6,450 m = <b>6</b> km <b>450</b> m b) 4,300 m = <b>4</b> km <b>300</b> m 5,300 m = <b>5</b> km <b>300</b> m 6,300 m = <b>6</b> km <b>300</b> m c) <b>2,600</b> m = 2 km 600 m 3 km 200 m = <b>3,200</b> m 9 km 500 m = <b>9,500</b> m 9 km 50 m = <b>9,050</b> m																																										
4	a) <table border="1" style="margin-left: 20px;"> <tr><td colspan="3" style="text-align: center;">1 km</td></tr> <tr><td style="text-align: center;"><b>600</b> m</td><td colspan="2" style="text-align: center;">400 m</td></tr> </table> b) <table border="1" style="margin-left: 20px;"> <tr><td colspan="2" style="text-align: center;">1 km</td></tr> <tr><td style="text-align: center;"><b>300</b> m</td><td style="text-align: center;">700 m</td></tr> </table> c) <table border="1" style="margin-left: 20px;"> <tr><td colspan="3" style="text-align: center;">1 km</td></tr> <tr><td style="text-align: center;"><b>300</b> m</td><td style="text-align: center;">300 m</td><td style="text-align: center;">400 m</td></tr> </table> d) <table border="1" style="margin-left: 20px;"> <tr><td colspan="2" style="text-align: center;">2 km</td></tr> <tr><td style="text-align: center;"><b>400</b>m</td><td style="text-align: center;">1,600 m</td></tr> </table> e) <table border="1" style="margin-left: 20px;"> <tr><td colspan="3" style="text-align: center;">3 km</td></tr> <tr><td style="text-align: center;">800 m</td><td style="text-align: center;">1 km</td><td style="text-align: center;"><b>1,200</b> m</td></tr> </table> f) <table border="1" style="margin-left: 20px;"> <tr><td colspan="3" style="text-align: center;">3 km</td></tr> <tr><td style="text-align: center;">800 m</td><td style="text-align: center;">1,200 m</td><td style="text-align: center;"><b>1</b> km</td></tr> </table> g) <table border="1" style="margin-left: 20px;"> <tr><td colspan="2" style="text-align: center;"><b>5</b> km</td></tr> <tr><td style="text-align: center;">2,200 m</td><td style="text-align: center;">2,800 m</td></tr> </table> h) <table border="1" style="margin-left: 20px;"> <tr><td colspan="3" style="text-align: center;"><b>5</b> km</td></tr> <tr><td style="text-align: center;">900 m</td><td style="text-align: center;">3,600 m</td><td style="text-align: center;"><math>\frac{1}{2}</math> km</td></tr> </table>	1 km			<b>600</b> m	400 m		1 km		<b>300</b> m	700 m	1 km			<b>300</b> m	300 m	400 m	2 km		<b>400</b> m	1,600 m	3 km			800 m	1 km	<b>1,200</b> m	3 km			800 m	1,200 m	<b>1</b> km	<b>5</b> km		2,200 m	2,800 m	<b>5</b> km			900 m	3,600 m	$\frac{1}{2}$ km
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**Y4 – Spring – Block 2 – Step 2 – Equivalent lengths (kilometres and metres) Answers (continued)**

Question	Answer																		
5	9 km 800 m																		
6	a) $500\text{ m} + 600\text{ m} = 1,100\text{ m} = 1\text{ km } 100\text{ m}$ b) $700\text{ m} + 900\text{ m} = 1,600\text{ m} = 1\text{ km } 600\text{ m}$ c) $1,700\text{ m} + 900\text{ m} = 2,600\text{ m} = 2\text{ km } 600\text{ m}$ d) $3,400\text{ m} + 2,800\text{ m} = 6,200\text{ m} = 6\text{ km } 200\text{ m}$ e) $1,500\text{ m} + 1,700\text{ m} = 3,200\text{ m} = 3\text{ km } 200\text{ m}$																		
7	<table border="1" data-bbox="211 509 918 893"> <thead> <tr> <th data-bbox="215 515 448 598">Pupil</th> <th data-bbox="451 515 684 598">How far they live from school (km)</th> <th data-bbox="686 515 915 598">How far they live from school (m)</th> </tr> </thead> <tbody> <tr> <td data-bbox="215 602 448 658">Dani</td> <td data-bbox="451 602 684 658">2 km</td> <td data-bbox="686 602 915 658"><b>2,000 m</b></td> </tr> <tr> <td data-bbox="215 663 448 718">Scott</td> <td data-bbox="451 663 684 718"><b>7 km</b></td> <td data-bbox="686 663 915 718">7,000 m</td> </tr> <tr> <td data-bbox="215 723 448 779">Kim</td> <td data-bbox="451 723 684 779"><math>\frac{1}{2}\text{ km}</math></td> <td data-bbox="686 723 915 779"><b>500 m</b></td> </tr> <tr> <td data-bbox="215 783 448 839">Nijah</td> <td data-bbox="451 783 684 839"><b><math>2\frac{1}{2}\text{ km}</math></b></td> <td data-bbox="686 783 915 839">2,500 m</td> </tr> <tr> <td data-bbox="215 843 448 899">Teddy</td> <td data-bbox="451 843 684 899"><math>1\frac{3}{4}\text{ km}</math></td> <td data-bbox="686 843 915 899"><b>1,750 m</b></td> </tr> </tbody> </table>	Pupil	How far they live from school (km)	How far they live from school (m)	Dani	2 km	<b>2,000 m</b>	Scott	<b>7 km</b>	7,000 m	Kim	$\frac{1}{2}\text{ km}$	<b>500 m</b>	Nijah	<b><math>2\frac{1}{2}\text{ km}</math></b>	2,500 m	Teddy	$1\frac{3}{4}\text{ km}$	<b>1,750 m</b>
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8	a) 1,500 m b) Yes She walks 3 km every day, so she walks 15 km every week.																		