

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) 3 <b>km</b> = 3,000 <b>m</b>																																																
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><tr><td colspan="3">1 km</td></tr><tr><td><b>600</b> m</td><td colspan="2">400 m</td></tr></table> b) <table><tr><td colspan="3">1 km</td></tr><tr><td><b>300</b> m</td><td colspan="2">700 m</td></tr></table> c) <table><tr><td colspan="3">1 km</td></tr><tr><td><b>300</b> m</td><td>300 m</td><td>400 m</td></tr></table> d) <table><tr><td colspan="3">2 km</td></tr><tr><td><b>400</b> m</td><td colspan="2">1,600 m</td></tr></table> e) <table><tr><td colspan="3">3 km</td></tr><tr><td>800 m</td><td>1 km</td><td><b>1,200</b> m</td></tr></table> f) <table><tr><td colspan="3">3 km</td></tr><tr><td>800 m</td><td>1,200 m</td><td><b>1</b> km</td></tr></table> g) <table><tr><td colspan="3"><b>5</b> km</td></tr><tr><td>2,200 m</td><td colspan="2">2,800 m</td></tr></table> h) <table><tr><td colspan="3"><b>5</b> km</td></tr><tr><td>900 m</td><td>3,600 m</td><td><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><tr><th>Pupil</th><th>How far they live from school (km)</th><th>How far they live from school (m)</th></tr><tr><td>Dani</td><td>2 km</td><td>2,000 m</td></tr><tr><td>Scott</td><td>7 km</td><td>7,000 m</td></tr><tr><td>Kim</td><td><math>\frac{1}{2}\text{ km}</math></td><td>500 m</td></tr><tr><td>Nijah</td><td><math>2\frac{1}{2}\text{ km}</math></td><td>2,500 m</td></tr><tr><td>Teddy</td><td><math>1\frac{3}{4}\text{ km}</math></td><td>1,750 m</td></tr></table>	Pupil	How far they live from school (km)	How far they live from school (m)	Dani	2 km	2,000 m	Scott	7 km	7,000 m	Kim	$\frac{1}{2}\text{ km}$	500 m	Nijah	$2\frac{1}{2}\text{ km}$	2,500 m	Teddy	$1\frac{3}{4}\text{ km}$	1,750 m
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8	a) 1,500 m b) Yes She walks 3 km every day, so she walks 15 km every week.																		