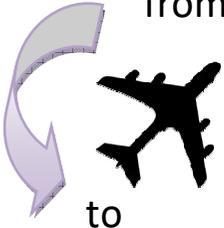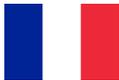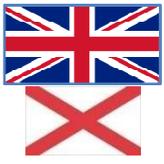# CM1 : Discover the United Kingdom
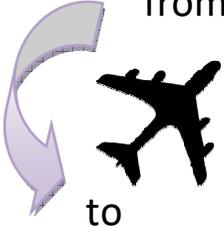
➢ Kate lives in Metz. She is British. Her father and her mother work in Metz.
  She is going to visit the United Kingdom.

➢ Kate is going to four cities: London, Belfast, Edinburgh and Cardiff.
  Then she is getting back home.
  ✓ In the table number 1 are the distances between the cities (kilometers).
  ✓ Ten distances are missing: fill out the table.

➢ Kate found the shortest route to visit all those cities. Find the shortest route!
  ✓ Use the map!

➢ In the table number 2 are the durations of all those trips. Find how much time Kate will
  spend travelling on planes. (60 minutes are one hour.)

from / to	METZ (FRANCE)	CARDIFF (UK) WALES	LONDON (UK) ENGLAND	EDINBURGH (UK) SCOTLAND	BELFAST (UK) NORTHERN IRELAND
METZ	0	714			
CARDIFF		0	227	500	
LONDON	520		0	518	
EDINBURGH	974			0	
BELFAST	1029	401	518	226	0

from ✈ to	METZ (FRANCE)	CARDIFF (UK) WALES	LONDON (UK) ENGLAND	EDINBURGH (UK) SCOTLAND	BELFAST (UK) NORTHERN IRELAND
METZ 🇫🇷					
CARDIFF	1 hour 27 minutes				
LONDON	1 hour 10 minutes	42 minutes			
EDINBURGH	1 hour 51 minutes	1 hour 7 minutes	1 hour 11 minutes		
BELFAST	1 hour 37 minutes	58 minutes	1 hour 9 minutes	44 minutes	

Use the table and coloured pencils to draw the durations (minutes). You can simply add the hours...

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
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31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
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31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	2	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	6	57	58	59	60