











Fill out the table :

from \ to	WATERLOO STATION 	BIG BEN 	LONDON AQUARIUM 	LONDON EYE 	BUCKINGHAM PALACE 
WATERLOO STATION 	0	16 minutes 1300 m	9 minutes 700 m	6 minutes 600 m	29 minutes 2400 m
BIG BEN 	16 minutes 1300 m	0	9 minutes 650 m	11 minutes 850 m	16 minutes 1300 m
LONDON AQUARIUM 	9 minutes 700 m	9 minutes 650 m	0	2 minutes 700 m	22 minutes 1700 m
LONDON EYE 	6 minutes 600 m	11 minutes 850 m	2 minutes 700 m	0	25 minutes 1700
BUCKINGHAM PALACE 	29 minutes 2400 m	16 minutes 1300 m	22 minutes 1700 m	25 minutes 1700 m	0

Find the shortest way :

-> three groups find the same thing

Arthur Romeo Nathan Bastien M

Waterloo Station  $\xrightarrow{6 \text{ minutes}, 600 \text{ m}}$  London eye  $\xrightarrow{2 \text{ minutes}, 700 \text{ m}}$  London aquarium  $\xrightarrow{9 \text{ minutes}, 650 \text{ m}}$  Big Ben  $\xrightarrow{16 \text{ minutes}, 1300 \text{ m}}$   
 Buckingham palace  $\xrightarrow{29 \text{ minutes}, 2400 \text{ m}}$  Waterloo Station.

TOTAL TEMPS

$$6 + 2 = 8 \text{ min}$$

$$8 + 9 = 17 \text{ min}$$

$$17 + 16 = 33 \text{ min}$$

$$33 + 29 = 62 \text{ min} \rightarrow 1 \text{ h } 2 \text{ min}$$

TOTAL DISTANCE

$$\begin{array}{r} 600 \\ + 700 \\ + 650 \\ + 1300 \\ + 2400 \\ \hline 5650 \text{ m} \end{array}$$

It's okay.  
We send this work to the math challenge.

*Lily Gaetan Dimitri Bastien W.B.*

Waterloo Station  $\xrightarrow[6 \text{ minutes}]{600 \text{ m}}$  ① London Eye  $\xrightarrow[2 \text{ minutes}]{700 \text{ m}}$  ② London Aquarium  $\xrightarrow[9 \text{ minutes}]{650 \text{ m}}$  ③ Big Ben

④ Buckingham Palace  $\xrightarrow[16 \text{ minutes}]{1300 \text{ m}}$  Waterloo  $\xrightarrow[29 \text{ minutes}]{2400 \text{ m}}$  Waterloo

TOTAL TEMPS  $6 + 2 + 9 + 16 + 29 = 62 \text{ min}$   
 $= 1 \text{ h } 2 \text{ min}$

TOTAL DISTANCES  $600 + 700 + 650 + 1300 + 2400 = 5650 \text{ m}$

It's okay but they don't explain how to calculate the duration. We don't send this work to the math challenge.

*Leon Raphaël Arny Benjamin*

Waterloo Station  $\xrightarrow[6 \text{ minutes}]{600 \text{ m}}$  ① London Eye  $\xrightarrow[2 \text{ minutes}]{700 \text{ m}}$  ② London Aquarium  $\xrightarrow[9 \text{ minutes}]{650 \text{ m}}$  ③ Big Ben  $\xrightarrow[16 \text{ minutes}]{1300 \text{ m}}$  ④ Buckingham Palace  $\xrightarrow[29 \text{ minutes}]{2400 \text{ m}}$  Waterloo Station

Total TEMPS en minutes (ou minutes et heures)  $6 + 2 + 9 + 16 + 29 = 1 \text{ heure } 2 \text{ minutes}$

Total DISTANCE en mètres  $5 \text{ h } 650 \text{ m}$   
 $600 \text{ m} + 700 \text{ m} + 650 + 1300 + 2400 = 5650 \text{ m}$

It's okay but they don't explain how to calculate the distance and the duration. We don't send this work to the math challenge.

-> A group doesn't find the same thing.

*Zara Stella Paulette Klarissa*

Waterloo Station  $\xrightarrow[6 \text{ minutes}]{600 \text{ m}}$  ① London Eye  $\xrightarrow[2 \text{ minutes}]{700 \text{ m}}$  ② London Aquarium  $\xrightarrow[29 \text{ minutes}]{2400 \text{ m}}$  ③ Buckingham Palace

④ Big Ben  $\xrightarrow[16 \text{ minutes}]{1300 \text{ m}}$  Waterloo Station  $\xrightarrow[16 \text{ minutes}]{1300 \text{ m}}$  Waterloo Station

TOTAL TEMPS  $6 + 2 + 29 + 16 + 16 = 69 \text{ min}$   
 $= 1 \text{ h } 9 \text{ min}$

TOTAL DISTANCE  $600 + 700 + 2400 + 1300 + 1300 = 6300 \text{ m}$

Autre méthode trouvée pour faire leur calcul :

$$6 + 2 + 29 + 16 + 16$$

$$= 6 + 2 + 30 + 15 + 16$$

$$= 8 + 30 + 15 + 15 + 1$$

$$= 8 + 30 + 30 + 1$$

$$= 69$$

But

- They don't find the shortest way.
- The calculations have mistakes.

You stay for half an hour at each place. How long will take for you to do all this ?

I

3h02

1h02 + 2h = 3h02

the way                      the visit

(4x30min = 120min)

You arrived at Waterloo Station at 9 o'clock am. At what time will you be back at Waterloo Station ?

9h00                      12h02min

+ 3h00                      + 2min

We will be back at Waterloo Station at 12h02min

W.S → London Eye : 6min + 30min

London Eye → London aquarium : 2min + 30min

London aquarium → Big Ben : 16min + 30min

Big Ben → Buckingham Palace : 16min + 30min

Buckingham Palace → W.S : 29min

Use this table and coloured pencils to draw the time !

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	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	56	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	22	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	56	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	22	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	56	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	22	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	56	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	22	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	56	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	22	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	56	57	58	59	60

3h02min  
It's okay!