



# A Day Out

I can calculate the duration of events.



- 1) Jonathan and his family went for a day out at the seaside. Here is their timetable for the day. Calculate the time taken for each event and fill in the column in the table.

| Start time | End time   | Event                  | Time taken |
|------------|------------|------------------------|------------|
| 8:30 a.m.  | 10:30 a.m. | journey to the seaside |            |
| 10:30 a.m. | 11:15 a.m. | walk along the beach   |            |
| 11:15 a.m. | 12:00 noon | building sandcastles   |            |
| 12:00 noon | 1:10 p.m.  | lunch                  |            |
| 1:10 p.m.  | 2:00 p.m.  | swimming in the sea    |            |
| 2:00 p.m.  | 3:10 p.m.  | gift shopping          |            |
| 3:10 p.m.  | 3:45 p.m.  | final time on beach    |            |
| 3:45 p.m.  | 5:15 p.m.  | journey back home      |            |

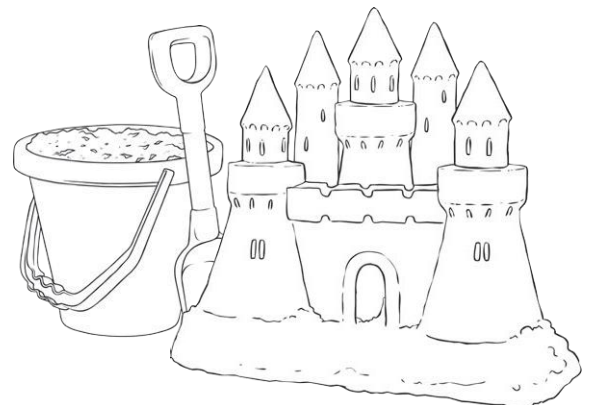
- 2) Calculate how long these combinations of events lasted. Show your working out.

a) Building sandcastles and lunch.

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b) Final time on the beach and journey back home.

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c) Swimming in the sea and gift shopping.

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d) Walk along the beach and building sandcastles.

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3) What was the total duration of the whole day out?

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# A Day Out Answers

| Question   | Answer                    |            |                        |                          |
|--|---------------------------|------------|------------------------|--------------------------|
| <b>1. Calculate the time taken for each event and fill in the column in the table.</b>   |                           |            |                        |                          |
|  | 8:30 a.m.                 | 10:30 a.m. | journey to the seaside | <b>2 hours</b>           |
|  | 10:30 a.m.                | 11:15 a.m. | walk along the beach   | <b>45 minutes</b>        |
|  | 11:15 a.m.                | 12:00 noon | building sandcastles   | <b>45 minutes</b>        |
|  | 12:00 noon                | 1:10 p.m.  | lunch                  | <b>1 hour 10 minutes</b> |
|  | 1:10 p.m.                 | 2:00 p.m.  | swimming in the sea    | <b>50 minutes</b>        |
|  | 2:00 p.m.                 | 3:10 p.m.  | gift shopping          | <b>1 hour 10 minutes</b> |
|  | 3:10 p.m.                 | 3:45 p.m.  | final time on beach    | <b>35 minutes</b>        |
|  | 3:45 p.m.                 | 5:15 p.m.  | journey back home      | <b>1 hour 30 minutes</b> |
| <b>2. Calculate how long these combinations of events lasted. Show your working out.</b> |                           |            |                        |                          |
| a.   | <b>1 hour 55 minutes</b>  |            |                        |                          |
| b.   | <b>2 hours 5 minutes</b>  |            |                        |                          |
| c.   | <b>2 hours</b>            |            |                        |                          |
| d.   | <b>1 hour 30 minutes</b>  |            |                        |                          |
| <b>3. What was the total duration of the whole day out?</b>                              |                           |            |                        |                          |
|  | <b>8 hours 45 minutes</b> |            |                        |                          |



# A Day Out

I can calculate the duration of events.



- 1) Amina and her family went for a day out at the theme park. Here is their timetable for the day. Calculate the time taken for each event and fill in the column in the table.

| Start time | End time   | Event                     | Time taken |
|------------|------------|---------------------------|------------|
| 8:20 a.m.  | 10:25 a.m. | journey to the theme park |            |
| 10:25 a.m. | 11:35 a.m. | looking at the exhibits   |            |
| 11:35 a.m. | 12:10 p.m. | going on the rides        |            |
| 12:10 p.m. | 1:55 p.m.  | lunch                     |            |
| 1:55 p.m.  | 2:40 p.m.  | gift shopping             |            |
| 2:40 p.m.  | 3:20 p.m.  | riding the tourist train  |            |
| 3:20 p.m.  | 3:55 p.m.  | final time on rides       |            |
| 3:55 p.m.  | 6:10 p.m.  | journey back home         |            |

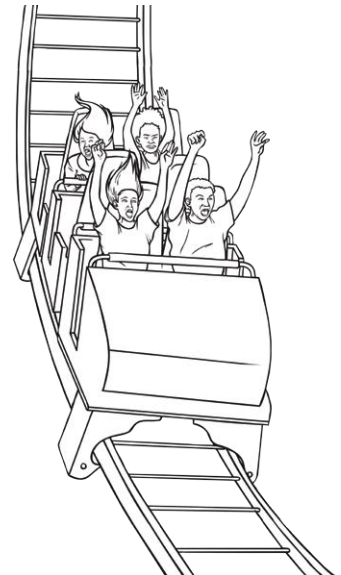
- 2) Calculate how long these combinations of events lasted. Show your working out.

a) Journey to the theme park and looking at the exhibits.

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b) Final time on the rides and journey back home.

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c) Looking at the exhibits and going on the rides.

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d) Riding the tourist train and final time on the rides.

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3) What was the total duration of the whole day out?

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4) Which lasted longer:  
going on the rides and lunch **or** gift shopping and riding the tourist train?

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# A Day Out Answers

| Question   | Answer                              |            |                           |                           |
|--|-------------------------------------|------------|---------------------------|---------------------------|
| <b>1. Calculate the time taken for each event and fill in the column in the table.</b>                     |                                     |            |                           |                           |
|  | 8:20 a.m.                           | 10:25 a.m. | journey to the theme park | <b>2 hours 5 minutes</b>  |
|  | 10:25 a.m.                          | 11:35 a.m. | looking at the exhibits   | <b>1 hour 10 minutes</b>  |
|  | 11:35 a.m.                          | 12:10 p.m. | going on the rides        | <b>35 minutes</b>         |
|  | 12:10 p.m.                          | 1:55 p.m.  | lunch                     | <b>1 hour 45 minutes</b>  |
|  | 1:55 p.m.                           | 2:40 p.m.  | gift shopping             | <b>45 minutes</b>         |
|  | 2:40 p.m.                           | 3:20 p.m.  | riding the tourist train  | <b>40 minutes</b>         |
|  | 3:20 p.m.                           | 3:55 p.m.  | final time on rides       | <b>35 minutes</b>         |
|  | 3:55 p.m.                           | 6:10 p.m.  | journey back home         | <b>2 hours 15 minutes</b> |
| <b>2. Calculate how long these combinations of events lasted. Show your working out.</b>                   |                                     |            |                           |                           |
| a.   | <b>3 hours 15 minutes</b>           |            |                           |                           |
| b.   | <b>2 hours 50 minutes</b>           |            |                           |                           |
| c.   | <b>1 hour 45 minutes</b>            |            |                           |                           |
| d.   | <b>1 hour 15 minutes</b>            |            |                           |                           |
| <b>3. What was the total duration of the whole day out?</b>  |                                     |            |                           |                           |
|  | <b>9 hours 50 minutes</b>           |            |                           |                           |
| <b>4. Which lasted longer: going on the rides and lunch or gift shopping and riding the tourist train?</b> |                                     |            |                           |                           |
|  | <b>Going on the rides and lunch</b> |            |                           |                           |



# A Day Out

I can calculate the duration of events.



- 1) Angelina and her family went for a day out at the zoo. Here is their timetable for the day. Calculate the time taken for each event and fill in the column in the table.

| Start time | End time   | Event                    | Time taken |
|------------|------------|--------------------------|------------|
| 8:25 a.m.  | 10:20 a.m. | journey to the zoo       |            |
| 10:20 a.m. | 11:32 a.m. | looking at the animals   |            |
| 11:32 a.m. | 12:05 p.m. | elephant talk            |            |
| 12:05 p.m. | 1:53 p.m.  | lunch                    |            |
| 1:53 p.m.  | 2:40 p.m.  | visiting the petting zoo |            |
| 2:40 p.m.  | 3:17 p.m.  | gift shopping            |            |
| 3:17 p.m.  | 3:50 p.m.  | feeding the penguins     |            |
| 3:50 p.m.  | 5:12 p.m.  | journey back home        |            |

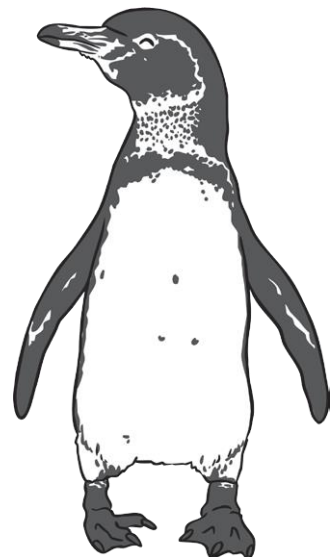
- 2) Calculate how long these combinations of events lasted. Show your working out.

a) Elephant talk and lunch.

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b) Gift shopping and feeding the penguins.

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c) Looking at the animals and the elephant talk.

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d) Travelling to the zoo and travelling home.

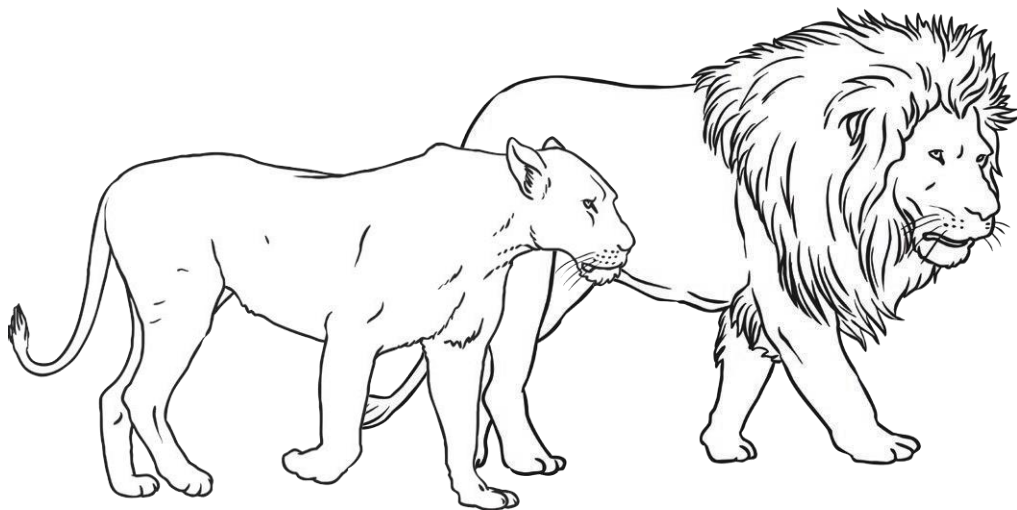
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3) What was the total duration of the whole day out?

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4) Which lasted longer:  
looking at the animals and the elephant talk **or** visiting the petting zoo and  
gift shopping?

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# A Day Out Answers

| Question   | Answer  |            |                          |                          |
|--|---|------------|--------------------------|--------------------------|
| <b>1. Calculate the time taken for each event and fill in the column in the table.</b>                                     |   |            |                          |                          |
|  | 8:25 a.m.   | 10:20 a.m. | journey to the zoo       | <b>1 hour 55 minutes</b> |
|  | 10:20 a.m.  | 11:32 a.m. | looking at the animals   | <b>1 hour 12 minutes</b> |
|  | 11:32 a.m.  | 12:05 p.m. | elephant talk            | <b>33 minutes</b>        |
|  | 12:05 p.m.  | 1:53 p.m.  | lunch                    | <b>1 hour 48 minutes</b> |
|  | 1:53 p.m.   | 2:40 p.m.  | visiting the petting zoo | <b>47 minutes</b>        |
|  | 2:40 p.m.   | 3:17 p.m.  | gift shopping            | <b>37 minutes</b>        |
|  | 3:17 p.m.   | 3:50 p.m.  | feeding the penguins     | <b>33 minutes</b>        |
|  | 3:50 p.m.   | 5:12 p.m.  | journey back home        | <b>1 hour 22 minutes</b> |
| <b>2. Calculate how long these combinations of events lasted. Show your working out.</b>                                   |   |            |                          |                          |
| a.   | <b>2 hours 21 minutes</b>                           |            |                          |                          |
| b.   | <b>1 hour 10 minutes</b>                            |            |                          |                          |
| c.   | <b>1 hour 45 minutes</b>                            |            |                          |                          |
| d.   | <b>3 hours 17 minutes</b>                           |            |                          |                          |
| <b>3. What was the total duration of the whole day out?</b>  |   |            |                          |                          |
|  | <b>8 hours 47 minutes</b>                           |            |                          |                          |
| <b>4. Which lasted longer: looking at the animals and the elephant talk or visiting the petting zoo and gift shopping?</b> |   |            |                          |                          |
|  | <b>Looking at the animals and the elephant talk</b> |            |                          |                          |