# Reading & Interpreting Data

**This graph shows the weekly sales for the local cinema.**
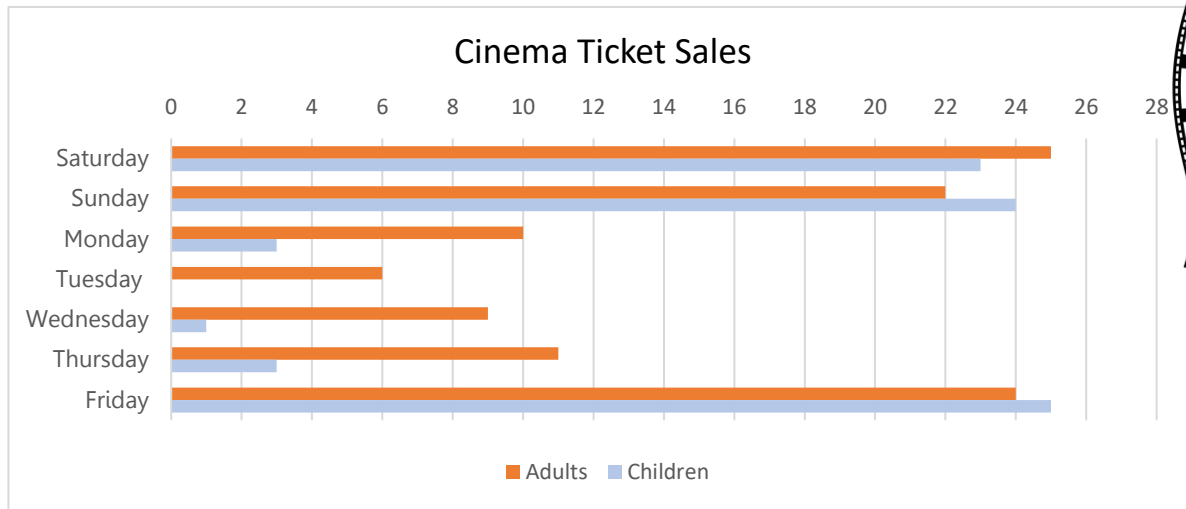


Cinema Ticket Sales

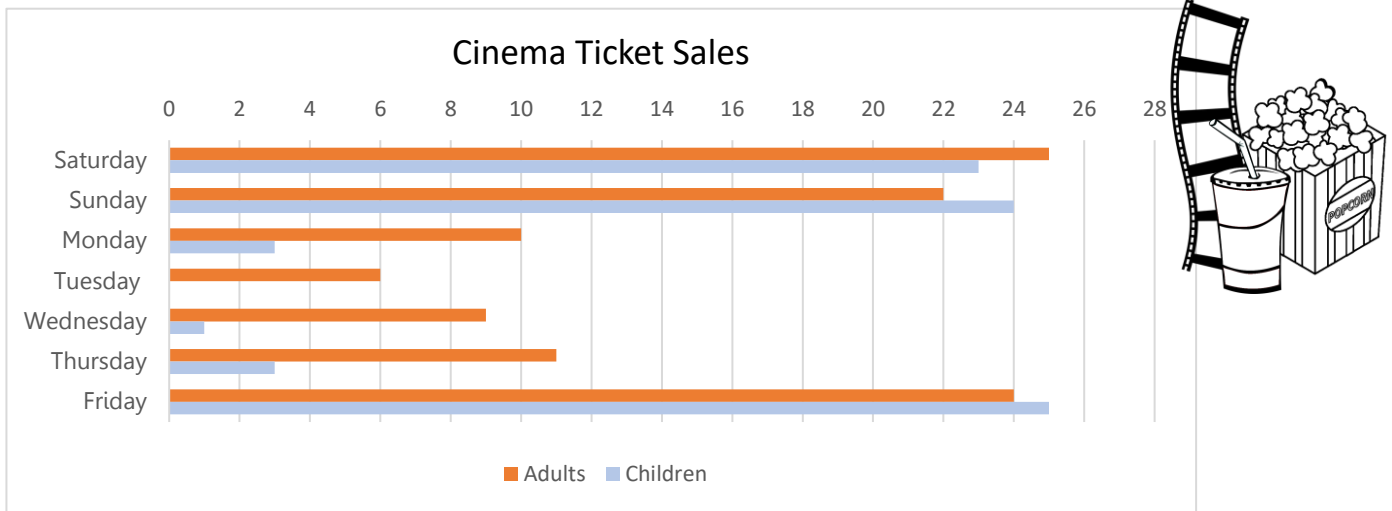**Use the data above to answer the questions.**

a. On which day was the highest number of children tickets sales recorded?   _____

b. On which day was the lowest number of adult tickets sales recorded?        _____

c. How many tickets were sold in total on Thursday?                _____

d. On which day was the greatest number of tickets sold?      _____

e. Which day had the greatest difference between adult and children ticket sales? _____

f. On how many days were the sale of children tickets higher than adult tickets?     _____

g. How many more tickets were sold on Sunday than on Wednesday?                _____

h. Between which two consecutive days was there the greatest increase or decrease in sales?

_____

i. Do you think the data each week would look similar to this? Explain.

_____

_____

i. How could this data be useful for the owner of the cinema? Give two examples.

_____

_____

_____

# Reading & Interpreting Data Answers

**This graph shows the weekly sales for the local cinema.**

### Cinema Ticket Sales



**Adults** **Children**

**Use the data above to answer the questions.**

a. On which day was the highest number of children tickets sales recorded? **Friday**

b. On which day was the lowest number of adult tickets sales recorded? **Tuesday**

c. How many tickets were sold in total on Thursday? **14**

d. On which day was the greatest number of tickets sold? **Sunday (50 tickets)**

e. Which day had the greatest difference between adult and children ticket sales? **Thursday (8)**

f. On how many days were the sale of children tickets higher than adult tickets? **2 (Friday, Saturday)**

g. How many more tickets were sold on Sunday than on Wednesday? **40 more tickets**

h. Which two consecutive days saw the greatest increase/decrease in sales?

**Sunday to Monday (decrease of 37 tickets)**

i. Do you think the data each week would look similar to this? Explain.

**Answers will vary.**

i. How could this data be useful for the owner of the cinema? Give two examples.

**Answers will vary.**