

Line Graphs and Time Data

Year 4 · Statistics · y4-stat-line-graph

Name: _____

Date: _____

Class: _____

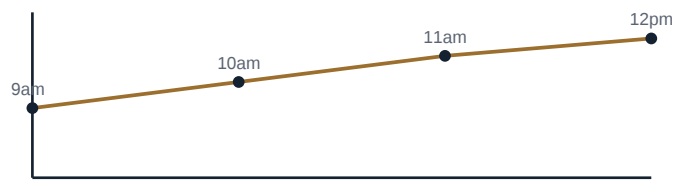
Score: ____ / ____

Instructions

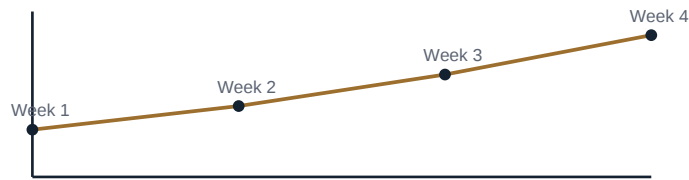
Answer every question in Practice. Try the Challenge section once Practice is complete. 10 questions in total.

Practice

1. A line graph is represented by this ordered table of temperature values: 9am: 8 degrees C, 10am: 11 degrees C, 11am: 14 degrees C, 12pm: 16 degrees C. What is the temperature at 10am?



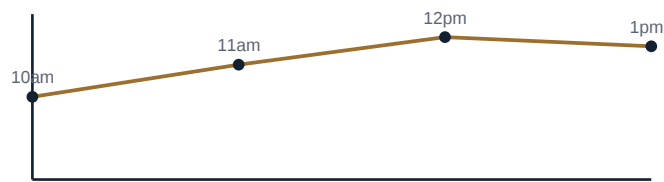
2. A line graph is represented by this ordered table of plant height values: Week 1: 6 cm, Week 2: 9 cm, Week 3: 13 cm, Week 4: 18 cm. What is the height in Week 3?



3. A line graph is represented by this ordered table of water level values: Monday: 12 cm, Tuesday: 15 cm, Wednesday: 17 cm, Thursday: 19 cm. What value belongs to Wednesday?



4. A line graph is represented by this ordered table of visitors: 10am: 18 visitors, 11am: 25 visitors, 12pm: 31 visitors, 1pm: 29 visitors. How many visitors were there at 12pm?



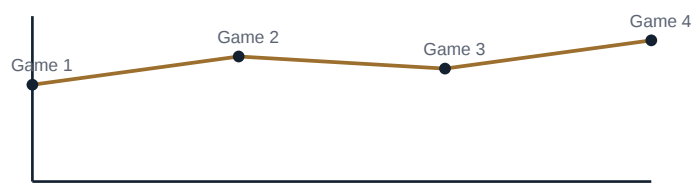
5. A line graph is represented by this ordered table of bike rides: Monday: 7 rides, Tuesday: 10 rides, Wednesday: 16 rides, Thursday: 21 rides. How many more rides were there on Wednesday than Tuesday?



6. A line graph is represented by this ordered table of rainfall values: Day 1: 5 mm, Day 2: 9 mm, Day 3: 8 mm, Day 4: 14 mm. By how much did the rainfall increase from Day 1 to Day 2?



7. A line graph is represented by this ordered table of points scored: Game 1: 24 points, Game 2: 31 points, Game 3: 28 points, Game 4: 35 points. Did the score increase or decrease from Game 2 to Game 3?

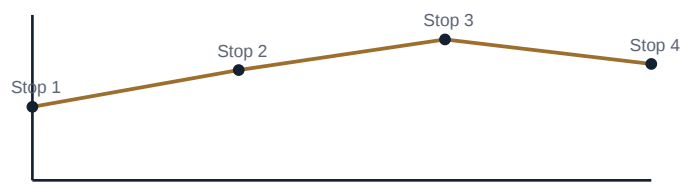


8. A line graph is represented by this ordered table of library books borrowed: Week 1: 42 books, Week 2: 37 books, Week 3: 45 books, Week 4: 51 books. How many fewer books were borrowed in Week 2 than Week 1?



Challenge

1. A line graph is represented by this ordered table of bus passengers: Stop 1: 12 passengers, Stop 2: 18 passengers, Stop 3: 23 passengers, Stop 4: 19 passengers. How many more passengers were there at Stop 3 than Stop 1?



2. A line graph is represented by this ordered table of classroom noise levels: 9am: 28 dB, 10am: 34 dB, 11am: 31 dB, 12pm: 39 dB. What is the difference between the 10am value and the 11am value?

