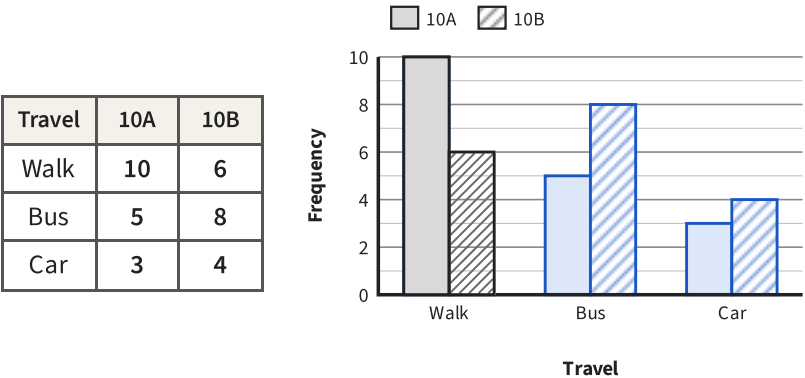


Comparative and Composite Bar Charts

1

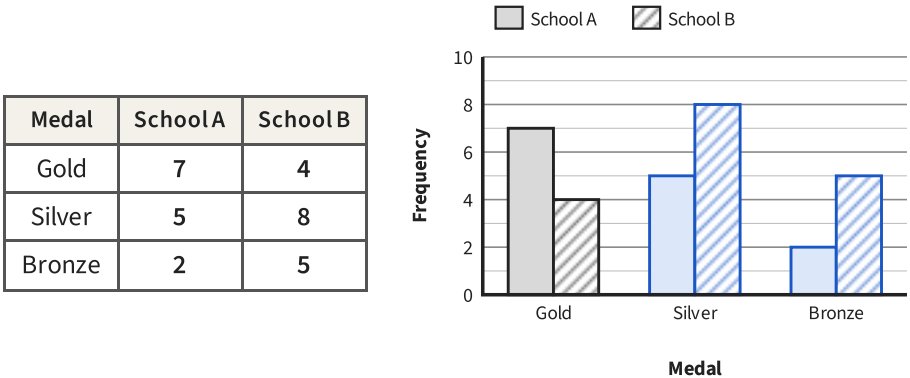
Draw a comparative bar chart for the table. Use the key.



Which way of travelling has the biggest difference? Walk

2

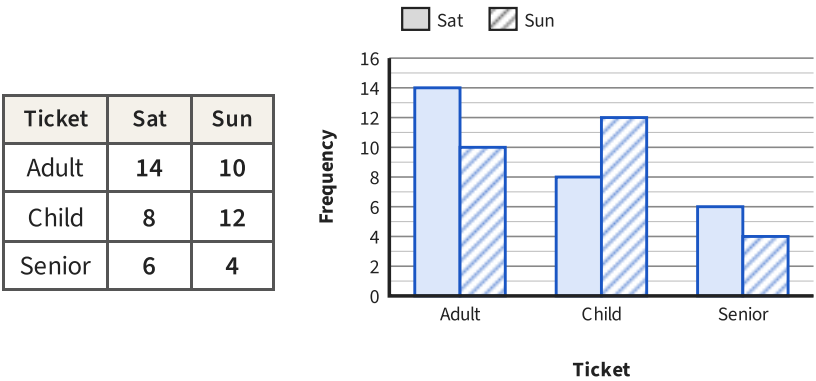
Draw a comparative bar chart for the table. Use the key.



Which school won more medals altogether? School B

3

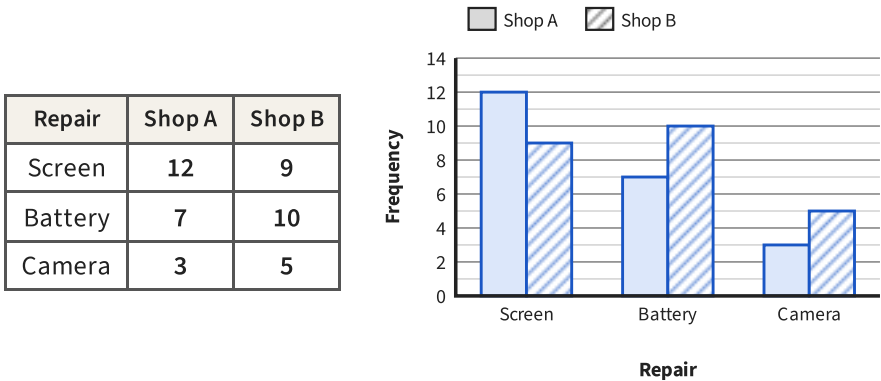
Draw a comparative bar chart for the table. Use the key.



How many more child tickets were sold on Sunday than Saturday? 4

4

Draw a comparative bar chart for the table. Use the key.

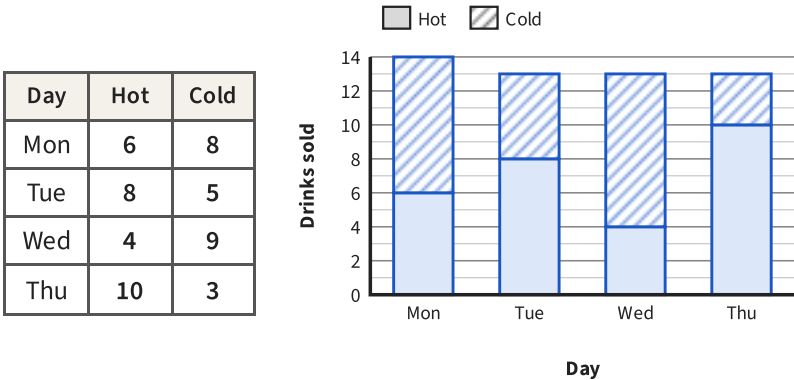


Which shop repaired more phones altogether? Shop B

Comparative and Composite Bar Charts

5

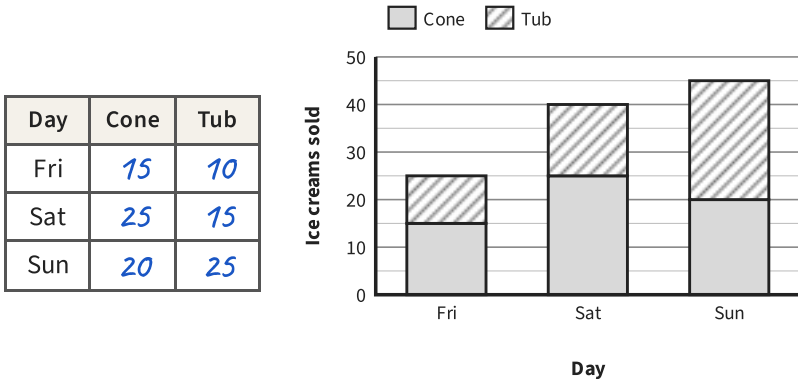
Draw a composite bar chart for the table. Use the key.



How many drinks were sold on Tuesday altogether? 13

6

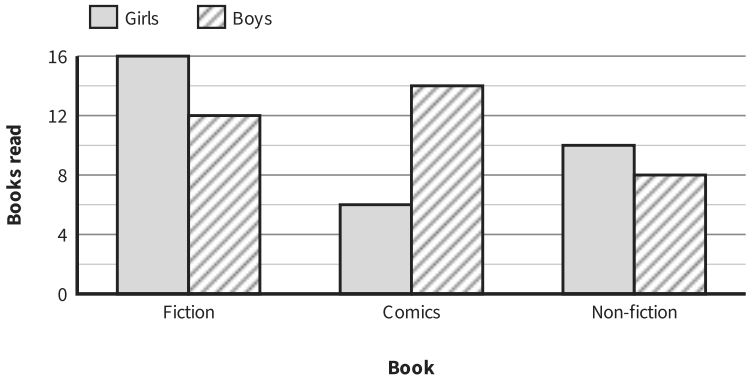
Complete the table from the composite bar chart.



How many tubs were sold altogether? 50

7

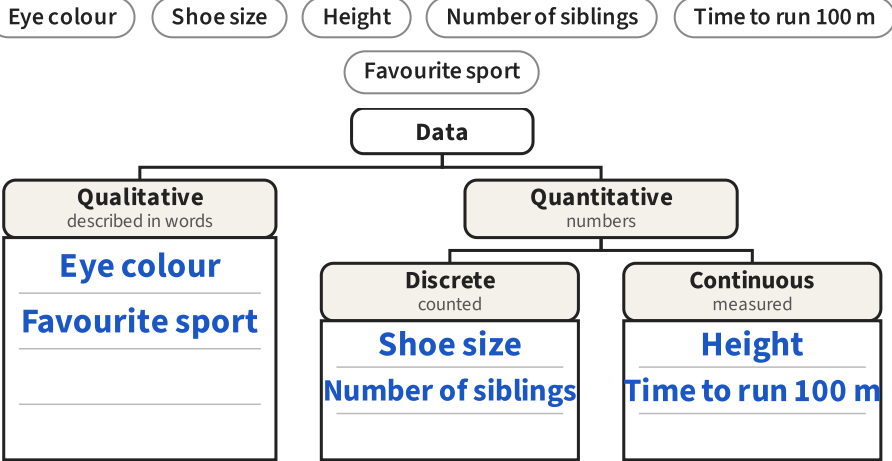
The comparative bar chart shows the books read in a reading challenge. Which type did the boys read more of than the girls? How many more?



Type Comics How many more? 8

8

Write each type of data in the right box.



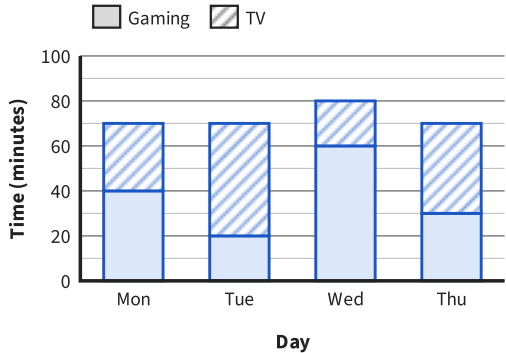
Comparative and Composite Bar Charts *further practice*

ANSWERS

9

The table shows the time Ana spent gaming and watching TV after school. Draw a **composite** bar chart for the table. Use the key.

Day	Gaming	TV
Mon	40	30
Tue	20	50
Wed	60	20
Thu	30	40



Which day had the most screen time?

Wednesday (80 minutes)

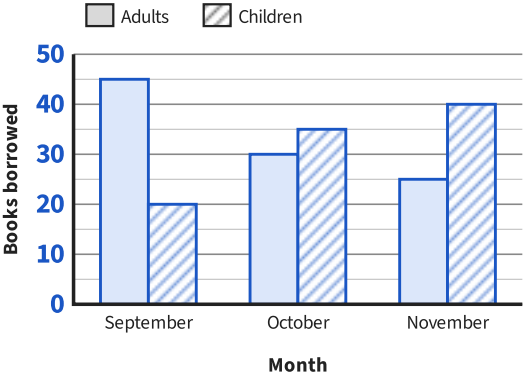
Is time qualitative, discrete or continuous?

Continuous

10

The table shows the books a library lent to adults and to children. Choose a scale and number the axis, then draw a **comparative** bar chart. Use the key.

Month	Adults	Children
September	45	20
October	30	35
November	25	40

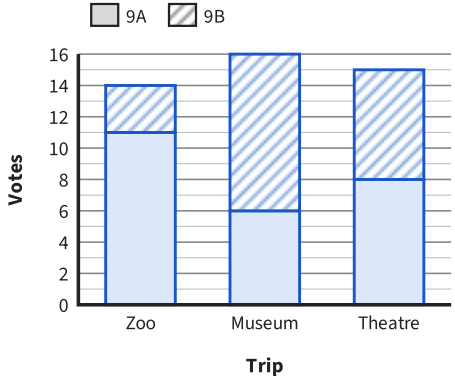
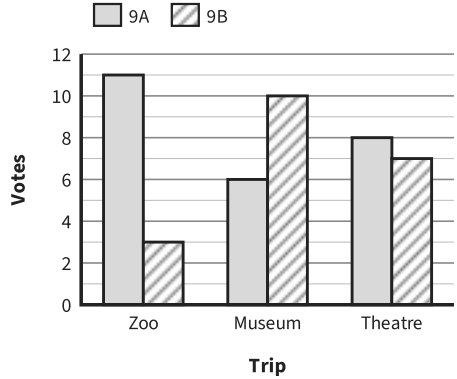


Which month had the biggest difference?

September

11

Two classes voted for a trip. Read the **comparative** bar chart, then draw a **composite** bar chart for the same votes. Use the key.



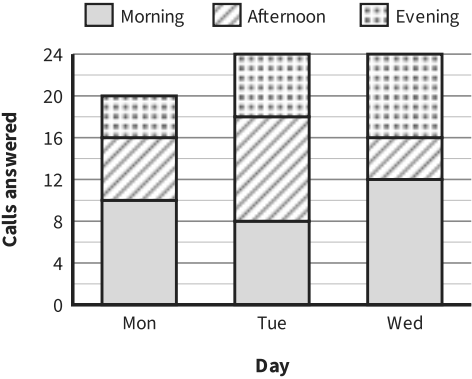
Which trip had the most votes altogether?

Museum (16 votes)

12

A helpline counted the calls it answered. Complete the table from the **composite** bar chart.

Day	Morning	Afternoon	Evening
Mon	<i>10</i>	<i>6</i>	<i>4</i>
Tue	<i>8</i>	<i>10</i>	<i>6</i>
Wed	<i>12</i>	<i>4</i>	<i>8</i>



How many evening calls were there altogether?

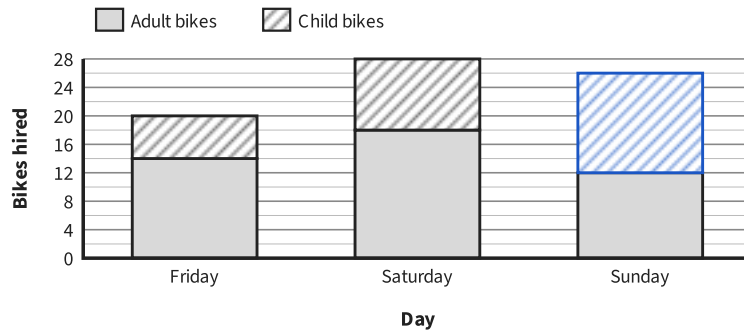
4 + 6 + 8 = 18

Comparative and Composite Bar Charts *further practice*

ANSWERS

13

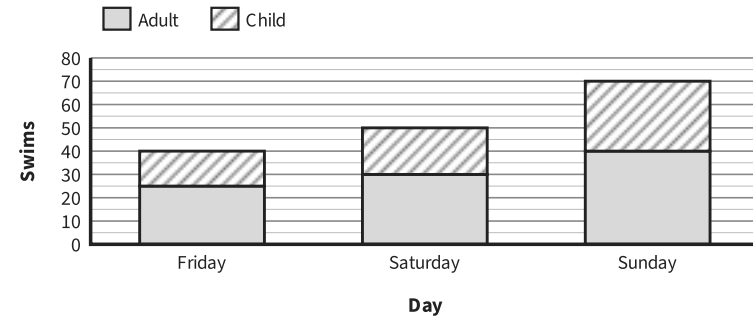
A bike hire shop hires out adult bikes and child bikes. It hired out 26 bikes on Sunday altogether. Draw the rest of the **composite** bar for Sunday.



How many child bikes were hired out on Sunday? $26 - 12 = 14$

14

The **composite** bar chart shows the adult and child swims at a pool over three days. An adult swim costs £5 and a child swim costs £3. How much was paid for the swims on Saturday altogether?

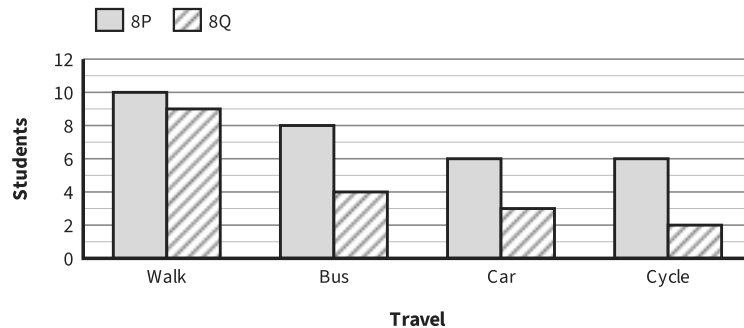


Swims on Saturday $30 \text{ adult and } 20 \text{ child}$

Money $30 \times £5 + 20 \times £3 = £210$

15

The **comparative** bar chart shows how every student in classes 8P and 8Q gets to school. What fraction of each class walks? Give each fraction in its simplest form.

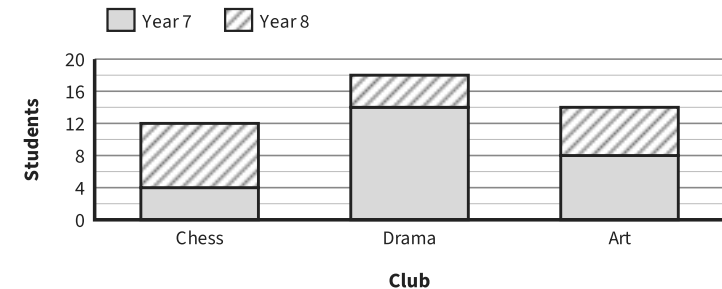


8P $10 \text{ out of } 30 = \frac{1}{3}$

8Q $9 \text{ out of } 18 = \frac{1}{2}$

16

The **composite** bar chart shows the students in three lunchtime clubs. Sam says more Year 8 students go to drama club than to chess club, because the Year 8 part of the drama bar goes higher up the chart. Is Sam right? Explain.



Answer $\text{No. Year 8 drama: } 18 - 14 = 4. \text{ Year 8 chess: } 12 - 4 = 8.$

$\text{Read the length of the Year 8 part, not where it ends.}$