

Worksheet 13-02 Sector graphs

Use these sector graphs to answer the questions that follow.

For each sector graph, describe in one or two paragraphs what is being shown. For Question 5, insert suitable categories.

<p>1. Area sizes of Australian states (and one territory)</p>	<p>2. Favourite pie flavours</p>
<p>3. Number of TV sets owned at home</p>	<p>4. Items stolen in home burglaries</p>
<p>5. Tom's \$3500 holiday</p>	<p>6. How Samantha spends one day (number of hours in brackets)</p>

Nancy Le

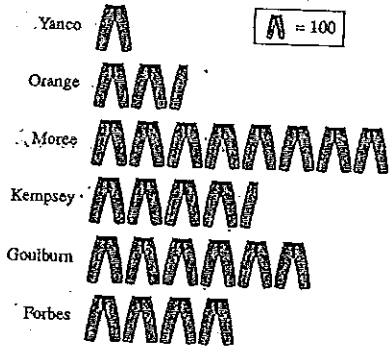
Worksheet 13-02 continued

- 1 Area sizes of Australian states
- Which is the largest state? **WA** ✓
 - Which state is represented by the sector that has been left blank? **ACT** ✓
 - Which is the smallest state? **ACT** ✓
 - Which is larger: NT or Queensland? **Queensland** ✓
 - Which two states or territories together make up roughly half of Australia's area? **WA + Queensland** ✓
 - Australia's total area is 7 682 300 km².
 - Which state's area is 1 727 196 km²? **NT** ✓
 - Estimate WA's area. **32%** ✓
 - The Australian Capital Territory (ACT) could not be shown on the graph. Why? **it is too small** ✓
 - Which is larger: NSW or SA? **NSW** ✓
 - Which state takes up approximately 1/3 of Australia's total area? **WA** ✓
 - Approximately what fraction of Australia's total area is taken up by NT, Queensland and NSW combined? **1/2** ✓
- 2 Favourite pie flavours
- Which is the most popular pie flavour? **Plain** ✓
 - Do more than or less than half of the people prefer this flavour? **more than** ✓
 - Which is your favourite pie flavour? **Potato** ✓
 - Do more people prefer Potato or Curry? **Potato** ✓
 - Which two flavours are preferred by the same amount of people? **Steak & onion, Chicken** ✓
 - Which three flavours together make up roughly 1/4 of the total? **Please ask me!** ✓
 - Do more people prefer Chicken or Curry? **Curry** ✓
 - If you owned a pie shop and baked 100 pies to sell each day, how many 'Steak and Onion' pies should you bake? **24** ✓
 - What would be an example of an 'Other' flavour? **Beef Bacon & cheese** ✓
- 3 Number of TV sets owned at home
- How many (working) TV sets are at your home? **3** ✓
 - What is the most popular number of TV sets owned per home? **2** ✓
 - Does this number represent more than or less than half of all households? **more than** ✓
 - Approximately what fraction of households own exactly one TV set? **1/3** ✓
 - 'Less than half of all households own three TV sets.' True or false? **F** ✓
 - What does 'Other' mean? **5** ✓
 - 'More than 3/4 of all households own either one or two TV sets.' True or false? **T** ✓
- 4 Items stolen in home burglaries
- Which item is stolen the most? Why? **Other** ✓
 - Which item is the second most stolen? **TV sets** ✓
 - Do burglars steal more audio equipment or more video equipment? **Please ask me!** ✓
 - Which two items combined together make up 1/4 of all stolen property? **Computers & clothes** ✓
 - Do burglars steal more TV sets or more computers? **TV sets** ✓
 - Which item is stolen the least? Why? **Clothes** ✓
 - Which three items together make up 1/4 of all stolen property? **CD's, Camera & Audio** ✓
 - Which item is stolen about the same amount as cameras? **Computers** ✓
 - Approximately what fraction of stolen property is audio equipment, video/DVD equipment and cash combined? **1/2** ✓
- 5 Tom's \$3500 holiday
- Show how Tom spent \$3500 on his holiday by placing the following categories in the appropriate sectors: Airfare: \$1000, Hotel: \$600, Bus/Train: \$100, Shopping: \$1225, Meals: \$150, Theme parks: \$280, Gifts/souvenirs: \$150.
- How Samantha spends one day
- How many hours are in one day? **24** ✓
 - How many degrees in a revolution? **360** ✓
 - How many hours does Samantha spend at school? **6 hrs** ✓
 - What fraction of the day does Samantha spend at school? **1/4** ✓
 - Which two of Samantha's activities take up the same amount of time? **Sport & Travelling** ✓
 - Which activity takes up the most time? **Sleep** ✓
 - How many hours does this take? **9** ✓
 - How much time does Samantha spend on homework? **2 hrs** ✓
 - Which two activities together take up 1/3 of the day? **Homework & Sport** ✓
 - Is more time spent on homework or TV? **TV** ✓
 - What fraction of Samantha's day is spent on meals? **1/2** ✓
 - 'Samantha spends more than 1/3 of the day asleep.' True or false? **F** ✓
 - What fraction of Samantha's day is spent eating, sleeping and travelling combined? **1/2** ✓
 - How many hours is this? **12 hrs** ✓
 - Draw a sector graph to illustrate how you spent your day yesterday.

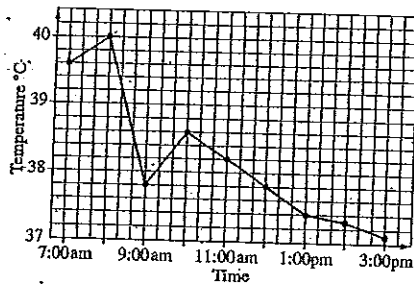
Worksheet 13-03 Graphs 1

Use these graphs to answer the questions that follow.
For each graph, describe in one or two paragraphs what is being shown.

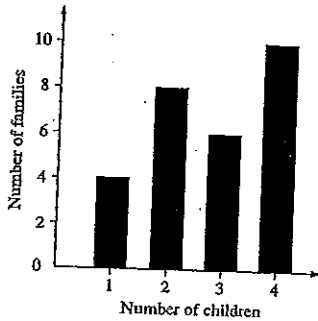
1. Altona Jeans sales (January-March)



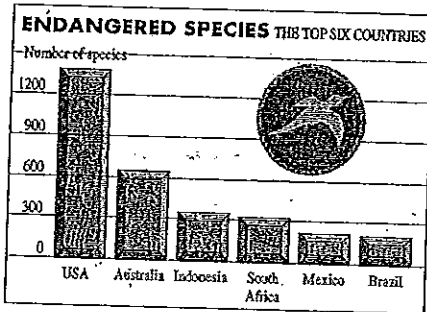
2. Neil's temperature



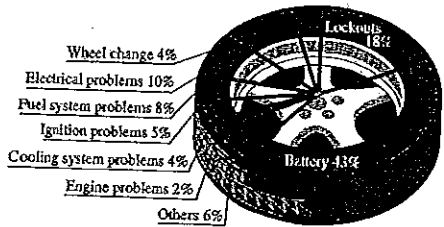
3. Number of children per family



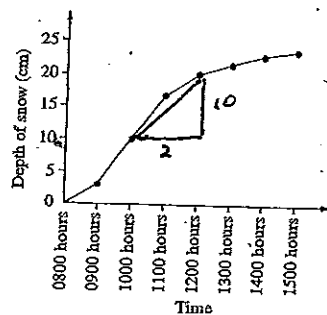
4. Endangered species



5. Reasons for road service



6. Snowfall



Worksheet 13-03 continued

1. Altona Jeans sales (January-March)

This graph shows the sales figures for the NSW branches of Altona Jeans.

- What type of graph is this? *pictograph*
- How many jeans does *Yanco* represent? *100*
- How many jeans were sold in:
 - Moree? *1000*
 - Orange? *300*
 - Kempsey? *450*
- Were more jeans sold in *Kempsey* or *Forbes*? *Kempsey*
- Which branch sold the fewest jeans? *Yanco*
- How many did that branch sell? *100*
- Which branches sold 600 or more pairs of jeans? *Goulburn & Moree*
- How many more jeans were sold in *Forbes* than in *Orange*? *150*
- 'Goulburn sold more than twice as many jeans as Orange.' True or false? *T*
- What was the total number of jeans sold in all stores? *2,600 jeans*

- How many families had one child? *4*
- How many families were surveyed? *28*
- Which number of children was represented in six families? *3*
- How many children in your family? *4*

4. Endangered species

- What is shown on the horizontal axis? *6 countries*
- Which country has the lowest number of endangered species? *Brazil*
- What is the scale on the vertical axis? *1000*
- Which country has about 300 endangered species? *South Africa*
- How many endangered species has Australia? *602*
- Name one endangered species in Australia. *Dingo*
- What is the difference in the number of endangered species in the USA and in Australia? *798*
- 'The USA has more endangered species than the other five countries put together.' True or false? *F*

2. Neil's temperature

This graph shows Neil's body temperature over part of a day in hospital.

- What type of graph is this? *line graph*
- For how many hours was Neil's temperature measured? *8 hrs*
- What was Neil's temperature at:
 - 8:00am? *38.2°C*
 - 11:00am? *40°C*
 - 9:30am? *38.2°C*
- What was Neil's temperature the highest? *8:00am*
- At what time(s) was Neil's temperature:
 - 39.6°C? *11am*
 - 37.8°C? *11am*
 - 37.3°C? *11pm*
- Between which two consecutive hours did Neil's temperature drop dramatically? *8-9pm*
- When was Neil's temperature lowest? *3pm*
- What was his temperature then? *37.8°C*
- How many times did Neil's temperature increase during the day? *twice*

5. Reasons for road service

This graph shows the reasons road service providers such as the NRMA are called out.

- What type of graph is this? *sector graph*
- What is the most common reason for road service? *Battery*
- What is the least common reason? *Engine problems*
- What percentage of service calls are for:
 - flat tyres? *4%*
 - being locked out of the car? *18%*
- Do more drivers have *electrical* problems or ignition problems? *Electrical*
- 'Flat batteries are the cause of over 1/2 of road service calls.' True or false? *F*
- What causes 5% of service calls? *lockouts ignition*

6. Snowfall

This graph shows the depth of snow increasing during a snow storm.

3. Number of children per family

A number of families were surveyed regarding their number of children. This graph shows the results of the survey.

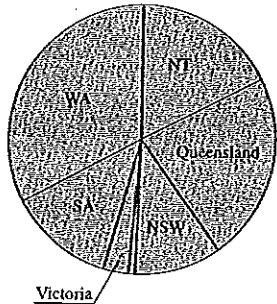
- What type of graph is it? *column graph*
- How many families had two children? *8*
- What was the most common number of children in a family? *4*
- How many families had this number? *10*
- For how long did the snow storm last? *4500*
- What is the scale on the horizontal axis of the graph? *1200 hrs Time*
- In which hour did the depth of snow increase most? *1000 hrs - 1000 hrs*
- What was the increase in depth between 10:00am and 12:00noon? *10*
- In which hour did the depth reach 21 mm? *12:00 hrs*
- In which hour did the least snow fall? *2:00 hrs*
- How much snow fell in this hour? *3 cm*

Worksheet 13-02 Sector graphs

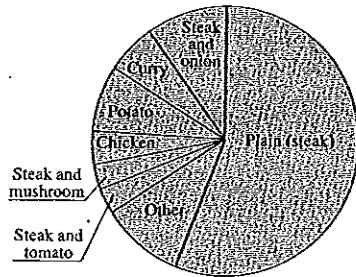
Use these sector graphs to answer the questions that follow.

For each sector graph, describe in one or two paragraphs what is being shown. For Question 5, insert suitable categories.

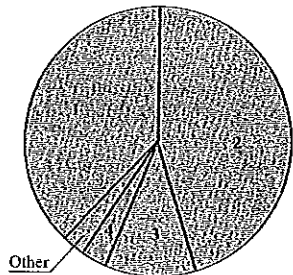
1. Area sizes of Australian states (and one territory)



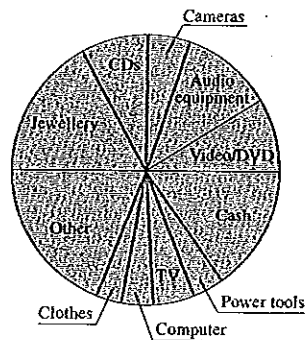
2. Favourite pie flavours



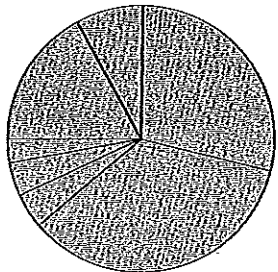
3. Number of TV sets owned at home



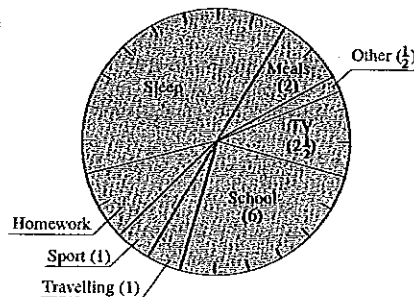
4. Items stolen in home burglaries



5. Tom's \$3500 holiday



6. How Samantha spends one day (number of hours in brackets)



Worksheet 13-02 continued

1 Area sizes of Australian states

- Which is the largest state?
- Which state is represented by the sector that has been left blank?
- Which is the smallest state?
- Which is larger: NT or Queensland?
- Which two states or territories together make up roughly half of Australia's area?
- Australia's total area is 7 682 300 km².
 - Which state's area is 1 727 196 km²?
 - Estimate WA's area.
- The Australian Capital Territory (ACT) could not be shown on the graph. Why?
- Which is larger: NSW or SA?
- Which state takes up approximately $\frac{1}{8}$ of Australia's total area?
- Approximately what fraction of Australia's total area is taken up by NT, Queensland and NSW combined?

2 Favourite pie flavours

- Which is the most popular pie flavour?
- Do more than or less than half of the people prefer this flavour?
- Which is *your* favourite pie flavour?
- Which two flavours are preferred by the same amount of people?
- Which three flavours together make up roughly $\frac{1}{4}$ of the total?
- Do more people prefer Chicken or Curry?
- If you owned a pie shop and baked 100 pies to sell each day, how many 'Steak and Onion' pies should you bake?
- What would be an example of an 'Other' flavour?

3 Number of TV sets owned at home

- How many (working) TV sets are at *your* home?
- Which is the most popular number of TV sets owned per home?
 - Does this number represent more than or less than half of all households?
- Approximately what fraction of households own exactly one TV set?
- 'Less than half of all households own three TV sets.' True or false?
- What does 'Other' mean?
- 'More than $\frac{3}{4}$ of all households own either one or two TV sets.' True or false?

4 Items stolen in home burglaries

- Which item is stolen the most? Why?
- Which item is the second most stolen?
- Do burglars steal more audio equipment or more video equipment?
- Which two items combined together make up $\frac{1}{4}$ of all stolen property?
- Do burglars steal more TV sets or more computers?
- Which item is stolen the least? Why?
- Which three items together make up $\frac{1}{4}$ of all stolen property?
- Which item is stolen about the same amount as cameras?
- Approximately what fraction of stolen property is audio equipment, video/DVD equipment and cash combined?

5 Tom's \$3500 holiday

Show how Tom spent \$3500 on his holiday by placing the following categories in the appropriate sectors: Airfare: \$1000, Hotel: \$600, Bus/Train: \$100, Shopping: \$1225, Meals: \$150, Theme parks: \$280, Gifts/souvenirs: \$150.

6 How Samantha spends one day

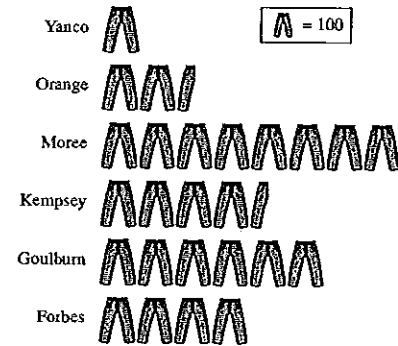
- How many hours are in one day?
 - How many degrees in a revolution?
- How many hours does Samantha spend at school?
 - What fraction of the day does Samantha spend at school?
- Which two of Samantha's activities take up the same amount of time?
- Which activity takes up the most time?
 - How many hours does this take?
- How much time does Samantha spend on homework?
 - Which two activities together take up $\frac{1}{3}$ of the day?
- Is more time spent on homework or TV?
- What fraction of Samantha's day is spent on meals?
 - 'Samantha spends more than $\frac{1}{3}$ of the day asleep.' True or false?
- Which fraction of Samantha's day is spent eating, sleeping and travelling combined?
 - How many hours is this?
- Draw a sector graph to illustrate how *you* spent your day yesterday.

Worksheet 13-03 Graphs 1

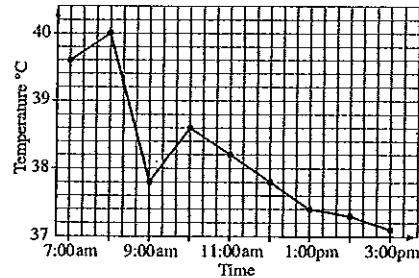
Use these graphs to answer the questions that follow.

For each graph, describe in one or two paragraphs what is being shown.

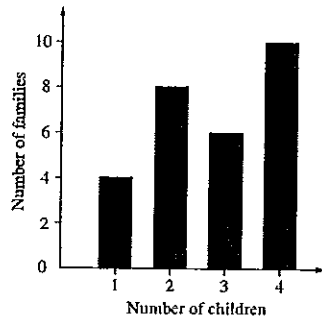
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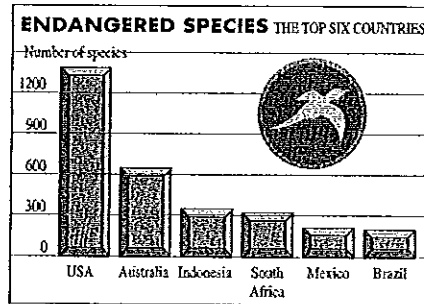
2. Neil's temperature



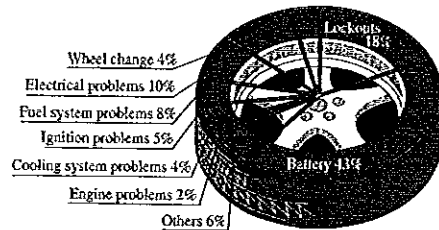
3. Number of children per family



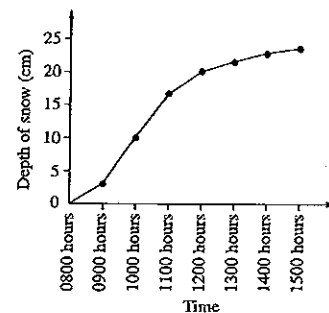
4. Endangered species



5. Reasons for road service



6. Snowfall



Worksheet 13-03 continued

1. Altona Jeans sales (January–March)

This graph shows the sales figures for the NSW branches of Altona Jeans.

- What type of graph is this?
- How many jeans does Λ represent?
- How many jeans were sold in:
 - Moree?
 - Orange?
 - Kempsey?
- Were more jeans sold in Kempsey or Forbes?
- Which branch sold the fewest jeans?
 - How many did that branch sell?
- Which branches sold 600 or more pairs of jeans?
- How many more jeans were sold in Forbes than in Orange?
- 'Goulburn sold more than twice as many jeans as Orange.' True or false?
- What was the total number of jeans sold in all stores?

2. Neil's temperature

This graph shows Neil's body temperature over part of a day in hospital.

- What type of graph is this?
- For how many hours was Neil's temperature measured?
- What was Neil's temperature at:
 - 8:00am?
 - 11:00am?
 - 9:30am?
- When was Neil's temperature the highest?
 - What was his temperature then?
- At what time(s) was Neil's temperature:
 - 39.6°C?
 - 37.8°C?
 - 37.3°C?
- Between which two consecutive hours did Neil's temperature drop dramatically?
- When was Neil's temperature lowest?
 - What was his temperature then?
- How many times did Neil's temperature increase during the day?

3. Number of children per family

A number of families were surveyed regarding their number of children. This graph shows the results of the survey.

- What type of graph is it?
- How many families had two children?
- What was the most common number of children in a family?
 - How many families had this number?

- How many families had one child?
- How many families were surveyed?
- Which number of children was represented in six families?
- How many children in *your* family?

4. Endangered species

- What is shown on the horizontal axis?
- Which country has the lowest number of endangered species?
- What is the scale on the vertical axis?
- Which country has about 300 endangered species?
- How many endangered species has Australia?
- Name one endangered species in Australia.
- What is the difference in the number of endangered species in the USA and in Australia?
- 'The USA has more endangered species than the other five countries put together.' True or false?

5. Reasons for road service

This graph shows the reasons road service providers such as the NRMA are called out.

- What type of graph is this?
- What is the most common reason for road service?
- What is the least common reason?
- What percentage of service calls are for:
 - flat tyres?
 - being locked out of the car?
- Do more drivers have electrical problems or ignition problems?
- 'Flat batteries are the cause of over $\frac{1}{3}$ of road service calls.' True or false?
- What causes 5% of service calls?

6. Snowfall

This graph shows the depth of snow increasing during a snow storm.

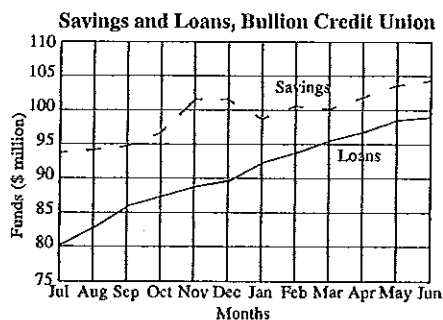
- For how long did the snow storm last?
- What is the scale on the horizontal axis of the graph?
- In which hour did the depth of snow increase most?
- What was the increase in depth between 10:00am and 12:00noon?
- In which hour did the depth reach 21 mm?
 - In which hour did the least snow fall?
 - How much snow fell in this hour?

Worksheet 13-04 Graphs 2

1 Savings and loans

This graph shows the savings and loans of the Bullion Credit Union over 12 months.

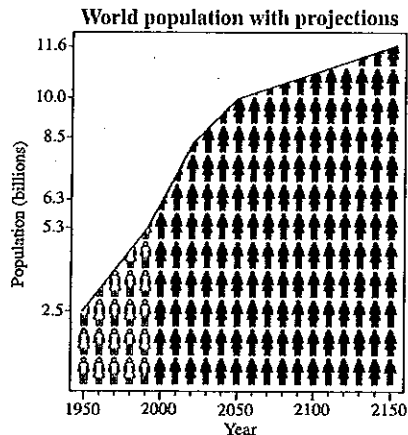
- What type of graph is this?
- What is shown on the horizontal axis?
- What is the scale on the vertical axis?
- What was the amount of savings in:
 - March?
 - October?
- What was the amount of loans in August?
- In which month were savings lowest?
- In which month were loans highest?
- 'The amount of loans is always increasing.' True or false?
- In which month did savings drop before going up again?
- Between which two consecutive months did the savings increase the most?
- In which month were:
 - savings \$95 000 000?
 - loans \$93 000 000?



2 World population with projections

This graph shows the estimated growth in world population between 1950 and 2150.

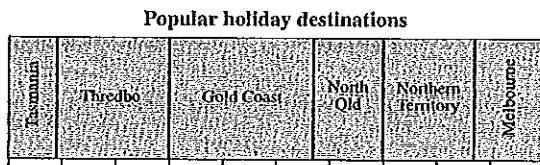
- What two types of graph have been combined here?
- How many people does each figure represent?
- What is the scale on the horizontal axis?
- What was the world population in 1950?
- In what year is the population 10 billion?
- What was the increase in world population between 1950 and 2000?
- What is the meaning of 'projection'?
- How many people are there likely to be in 2090?
- In which 30-year period is the world population estimated to rise the fastest?



3 Popular holiday destinations

A total of 100 students were surveyed about their favourite holiday destination in Australia. Results are shown on the graph.

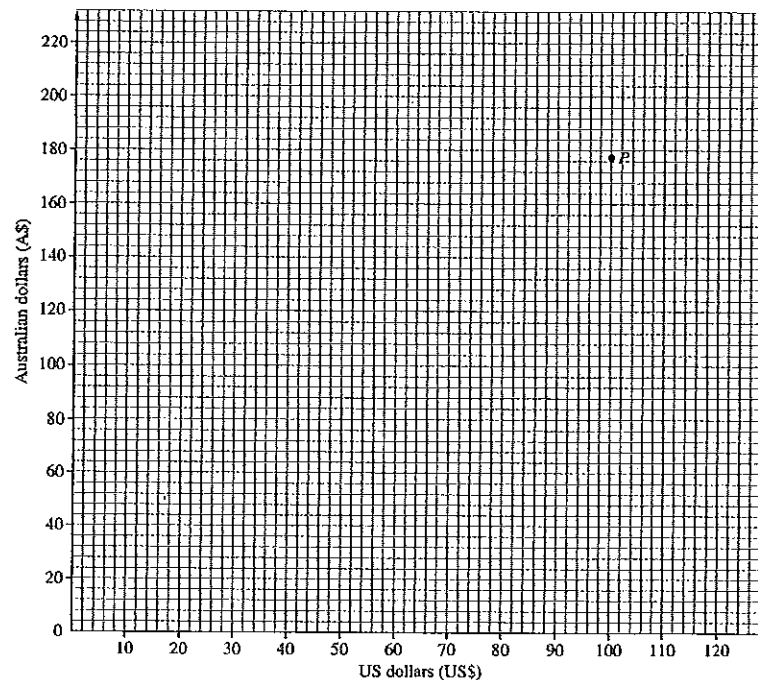
- What type of graph is this?
- How many students does one unit on the graph represent?
- What was the most popular holiday destination?
 - How many students chose this?
- How many students chose the Northern Territory?
- What did 21 students choose?
- Which two places were each chosen by the same number of students?
- How many students altogether prefer Queensland destinations?
- Which is the least popular destination?
- What fraction of students chose either Thredbo or Tasmania?



Worksheet 13-05 Currency conversion graph

In this activity, you will complete and use the conversion graph below to convert between US dollars (US\$) and Australian dollars (A\$).

- What is shown on the horizontal axis of the graph and what is the horizontal scale?
 - What is shown on the vertical axis and what is the vertical scale?
 - From the newspaper or Internet, find how much the US dollar is worth in Australian dollars and then multiply by 100 to calculate how much US\$100 is worth in A\$ (call this n). Alternatively, if you don't have this information, use US\$100 = A\$178 and rule a straight line from the origin (0, 0) to the point P(100, 178) on the graph and go straight to Question 2.
 - Plot the point (100, n) on the graph and rule a straight line from the origin (0, 0) to that point.
- Use the currency conversion graph to convert these US\$ prices to Australian dollars.
 - Photo camera, US\$116
 - Theme park entry, US\$44
 - Movie DVD, US\$24
 - Ankle bracelet, US\$56
 - Motel room, US\$82 per night
 - Sport shoes, US\$65
- Use the graph to convert these A\$ prices to US\$.
 - Computer desk, A\$136
 - Music CD, A\$24
 - Video game, A\$98
 - Soccer ball, A\$32
 - Concert ticket, A\$68
 - Bicycle, A\$184
- By first multiplying these prices by 10, using the graph to convert, and then dividing the conversion by 10, convert these US\$ prices to Australian dollars.
 - Hamburger, US\$2.80
 - Movie, US\$8.50
 - Book, US\$5.40
 - Movie video hire, US\$4.60
 - Train fare, US\$6.30
 - Can of drink, US\$0.65 (multiply by 100)



Worksheet 13-06 Distance table

This table shows the distances in kilometres between places in New South Wales and the ACT.

Bega											
970	Bourke										
1250	616	Broken Hill									
227	743	1097	Canberra								
977	945	1329	827	Coffs Harbour							
648	711	641	495	1251	Deniliquin						
594	775	1159	444	394	868	Newcastle					
535	435	819	308	762	464	512	Parkes				
425	785	1169	293	554	717	171	365	Sydney			
825	644	1028	675	301	1136	283	461	422	Tamworth		
393	727	857	245	996	255	613	276	462	737	Wagga Wagga	
345	818	1266	238	633	664	250	298	80	481	409	Wollongong

- Find the distance between:
 - Sydney and Canberra
 - Deniliquin and Broken Hill
 - Bourke and Wollongong
 - Newcastle and Bega
 - Coffs Harbour and Parkes
 - Wagga Wagga and Canberra
 - Tamworth and Coffs Harbour
 - Bega and Wollongong
- Find the place that is:
 - 1329 km from Coffs Harbour
 - 996 km from Wagga Wagga
 - 227 km from Canberra
 - 868 km from Deniliquin
 - 171 km from Newcastle
 - 435 km from Parkes
- Find the two places that are separated by a distance of:
 - 80 km
 - 616 km
 - 648 km
 - 819 km
 - 1136 km
 - 308 km
- Find the place that is closest to:
 - Coffs Harbour
 - Wollongong
 - Newcastle
 - Broken Hill
 - Canberra
 - Coffs Harbour
- Find the place that is farthest from:
 - Deniliquin
 - Wagga Wagga
 - Parkes
 - Tamworth
 - Sydney
 - Bega
- Find the distance from:
 - Sydney to Bega via Canberra
 - Wagga Wagga to Tamworth via Newcastle
 - Wollongong to Deniliquin via Wagga Wagga
 - Newcastle to Parkes via Sydney

Worksheet 13-07 Olympic medals

The table on the right lists the number of medals won at the 2000 Olympic Games in Sydney.

- Which country won the most silver medals?
- How many gold medals did Canada win?
- After China, what was the most successful Asian country?
- Why is The Netherlands ranked above Cuba and Great Britain when it won fewer medals than them? How is this table ordered?
- How many countries won more than 10 medals?
- How many countries won more than 10 gold medals?
- How many medals did South Africa win?
- How many silver medals did the Ukraine win?
- What was the most successful African country?
- Which three countries won 11 bronze medals each?
- Which two countries won exactly one of each type of medal?
- Which three countries won three gold and three silver medals each?
- How many countries won gold and bronze, but not silver?
- How many countries won the same amount of silver medals as gold medals (excluding those who won neither)?
- How many gold medals did Uzbekistan win?
- Which country won the most bronze medals?
- How many countries only won one medal?
 - Which of these countries won a gold medal?
- Which country won the most medals without winning a bronze?
- How many countries won no gold medals, but some silver and bronze?
 - Which of these countries performed best?
- Name the eight countries that won the same number of bronze medals as gold and silver put together.

	GOLD	SILVER	BRONZE	TOTAL
UNITED STATES	39	25	33	97
RUSSIA	32	28	28	88
CHINA	28	16	15	59
AUSTRALIA	16	25	17	58
GERMANY	14	17	26	57
FRANCE	13	14	11	38
ITALY	13	8	13	34
NETHERLANDS	12	9	4	25
CUBA	11	11	7	29
GREAT BRITAIN	11	10	7	28
ROMANIA	11	6	9	26
SOUTH KOREA	8	9	11	28
HUNGARY	8	6	3	17
POLAND	6	5	3	14
JAPAN	5	8	5	18
BULGARIA	5	6	2	13
GREECE	4	6	3	13
SWEDEN	4	5	3	12
NORWAY	4	3	3	10
ETHIOPIA	4	1	3	8
UKRAINE	3	10	10	23
KAZAKHSTAN	3	4	0	7
BELARUS	3	3	11	17
CANADA	3	3	8	14
SPAIN	3	3	5	11
IRAQ	3	0	1	4
TURKEY	3	0	1	4
CZECH REPUBLIC	2	3	3	8
KENYA	2	3	2	7
DENMARK	2	3	1	6
FINLAND	2	1	1	4
AUSTRIA	2	1	0	3
LITHUANIA	2	0	3	5
AZERBAIJAN	2	0	1	3
SLOVENIA	2	0	0	2
SWITZERLAND	2	0	0	2
INDONESIA	1	3	2	6
SLOVAKIA	1	3	1	5
MEXICO	1	2	3	6
ALGERIA	1	1	3	5
UZBEKISTAN	1	1	2	4
LATVIA	1	1	2	4
YUGOSLAVIA	1	1	1	3
BAHAMAS	1	1	0	2
NEW ZEALAND	1	0	3	4
ESTONIA	1	0	2	3
THAILAND	1	0	2	3
CROATIA	1	0	1	2
CAMEROON	1	0	0	1
COLOMBIA	1	0	0	1
MOZAMBIQUE	1	0	0	1
BRAZIL	0	6	6	12
JAMAICA	0	4	3	7
NIGERIA	0	3	0	3
BELGIUM	0	2	3	5
SOUTH AFRICA	0	2	3	5
ARGENTINA	0	2	2	4
MOROCCO	0	1	4	5
CHINESE TAIPEI	0	1	4	5
NORTH KOREA	0	1	3	4
MOLDOVA	0	1	1	2
SAUDI ARABIA	0	1	1	2
TRINIDAD AND TOBAGO	0	1	1	2
IRELAND	0	1	0	1
URUGUAY	0	1	0	1
VIETNAM	0	1	0	1
GEORGIA	0	0	6	6
COSTA RICA	0	0	2	2
PORTUGAL	0	0	2	2
ARMENIA	0	0	1	1
BARBADOS	0	0	1	1
CHILE	0	0	1	1
ICELAND	0	0	1	1
INDIA	0	0	1	1
ISRAEL	0	0	1	1
KYRGYZSTAN	0	0	1	1
KUWAIT	0	0	1	1
MACEDONIA	0	0	1	1
QATAR	0	0	1	1
SRI LANKA	0	0	1	1

Worksheet 13-07 Olympic medals

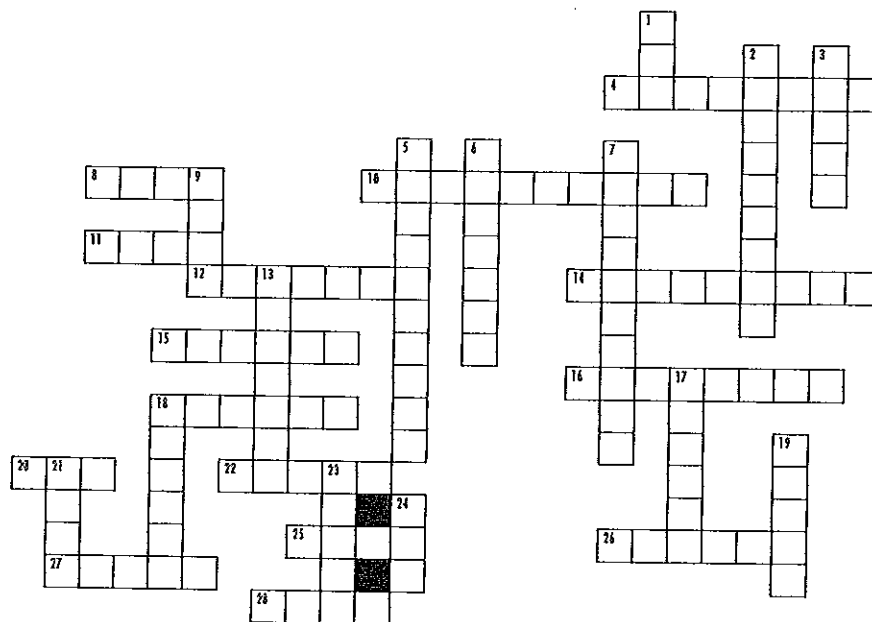
The table on the right lists the number of medals won at the 2000 Olympic Games in Sydney.

- Which country won the most silver medals?
- How many gold medals did Canada win?
- After China, what was the most successful Asian country?
- Why is The Netherlands ranked above Cuba and Great Britain when it won fewer medals than them? How is this table ordered?
- How many countries won more than 10 medals?
- How many countries won more than 10 *gold* medals?
- How many medals did South Africa win?
- How many silver medals did the Ukraine win?
- What was the most successful African country?
- Which three countries won 11 bronze medals each?
- Which two countries won exactly one of each type of medal?
- Which three countries won three gold and three silver medals each?
- How many countries won gold and bronze, but not silver?
- How many countries won the same amount of silver medals as gold medals (excluding those who won neither)?
- How many gold medals did Uzbekistan win?
- Which country won the most bronze medals?
- a How many countries only won one medal?
b Which of these countries won a *gold* medal?
- Which country won the most medals without winning a bronze?
- a How many countries won no gold medals, but some silver and bronze?
b Which of these countries performed best?
- Name the eight countries that won the same number of bronze medals as gold and silver put together.

	GOLD	SILVER	BRONZE	TOTAL
UNITED STATES	39	25	33	97
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GREECE	4	6	3	13
SWEDEN	4	5	3	12
NORWAY	4	3	3	10
ETHIOPIA	4	1	3	8
UKRAINE	3	10	10	23
KAZAKHSTAN	3	4	0	7
BELARUS	3	3	11	17
CANADA	3	3	8	14
SPAIN	3	3	5	11
IRAN	3	0	1	4
TURKEY	3	0	1	4
CZECH REPUBLIC	2	3	3	8
KEIYA	2	3	2	7
DENMARK	2	3	1	6
FINLAND	2	1	1	4
AUSTRIA	2	1	0	3
LITHUANIA	2	0	3	5
AZERBAIJAN	2	0	1	3
SLOVENIA	2	0	0	2
SWITZERLAND	1	6	2	9
INDONESIA	1	3	2	6
SLOVAKIA	1	3	1	5
MEXICO	1	2	3	6
ALGERIA	1	1	3	5
UZBEKISTAN	1	1	2	4
LATVIA	1	1	1	3
YUGOSLAVIA	1	1	0	2
BAHAMAS	1	1	0	2
NEW ZEALAND	1	0	3	4
ESTONIA	1	0	2	3
THAILAND	1	0	1	2
CROATIA	1	0	0	1
CAMEROON	1	0	0	1
COLOMBIA	1	0	0	1
MOZAMBIQUE	1	0	0	1
BRAZIL	0	6	6	12
JAMAICA	0	4	3	7
NIGERIA	0	3	0	3
BELGIUM	0	2	3	5
SOUTH AFRICA	0	2	3	5
ARGENTINA	0	2	2	4
MOROCCO	0	1	4	5
CHINESE TAIPEI	0	1	4	5
NORTH KOREA	0	1	3	4
MOLDOVA	0	1	1	2
SAUDI ARABIA	0	1	1	2
TRINIDAD AND TOBAGO	0	1	1	2
IRELAND	0	1	0	1
URUGUAY	0	1	0	1
VIETNAM	0	1	0	1
GEORGIA	0	0	6	6
COSTA RICA	0	0	2	2
PORTUGAL	0	0	2	2
ARMENIA	0	0	1	1
BARBADOS	0	0	1	1
CHILE	0	0	1	1
ICELAND	0	0	1	1
INDIA	0	0	1	1
ISRAEL	0	0	1	1
KYRGYZSTAN	0	0	1	1
KUWAIT	0	0	1	1
MACEONIA	0	0	1	1
QATAR	0	0	1	1
SRI LANKA	0	0	1	1

Worksheet 13-08 Graphs crossword

The answers to this crossword puzzle are listed below in alphabetical order. Arrange them in the correct places.



- | | | |
|------------|------------|------------|
| AXES | DISTANCE | SCALE |
| AXIS | DIVIDED | SECTOR |
| BAR | GRAPH | STATISTICS |
| CHART | HORIZONTAL | STEP |
| CLUSTER | KEY | SYMBOL |
| CODE | LINE | TABLE |
| COLOUR | PICTOGRAM | TIMETABLE |
| COLUMN | PICTURE | TRAVEL |
| CONVERSION | PIE | VERTICAL |
| DATA | POINT | |