#1
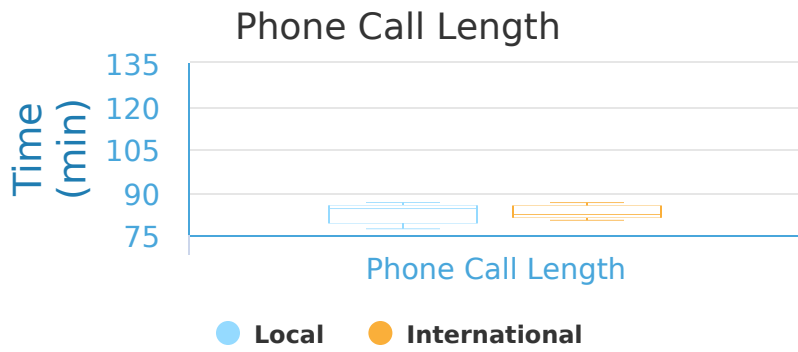
The graph below compares the length of local and international phone calls made. Which grouping has a minimum value that is higher?
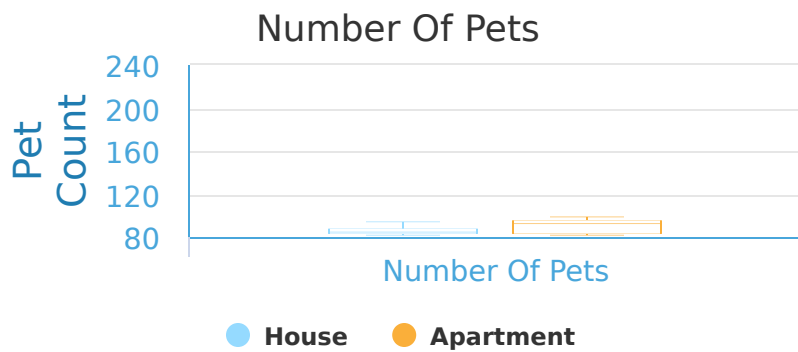
Phone Call Length

Time (min)

135
120
105
90
75

Phone Call Length

● **Local**   ● **International**

○ International   ○ They are equal   ○ Local

Show your work

#2

The box plot below shows the number of pets people living in either houses or apartments own. Which group has a range that is higher?
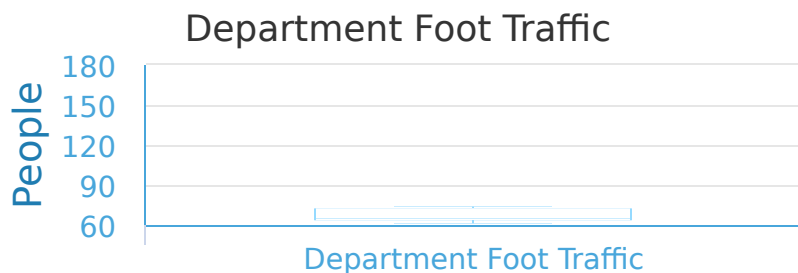
Number Of Pets

Pet Count

240
200
160
120
80

Number Of Pets

● **House**   ● **Apartment**

○ Apartment   ○ House   ○ They are equal
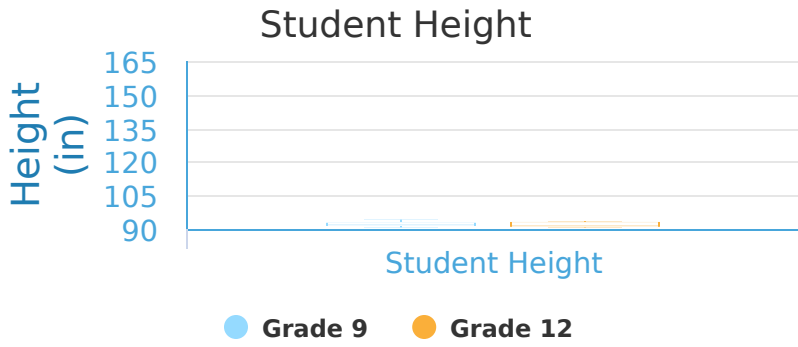
Show your work

#3

The graph below shows the foot traffic for two departments in a store from various days in a month. What percentage of days had more than 70 people at the store?

Department Foot Traffic

People

180
150
120
90
60

Department Foot Traffic

○ 100%   ○ 50%

○ 75%   ○ 25%

Show your work

#4

Below is a graph that shows the heights of all of the grade 9 and grade 12 students at Meadow High. Which group has a range that is lower?

Student Height

Height (in)

165
150
135
120
105
90

Student Height

● **Grade 9**   ● **Grade 12**

○ Grade 9   ○ They are equal   ○ Grade 12
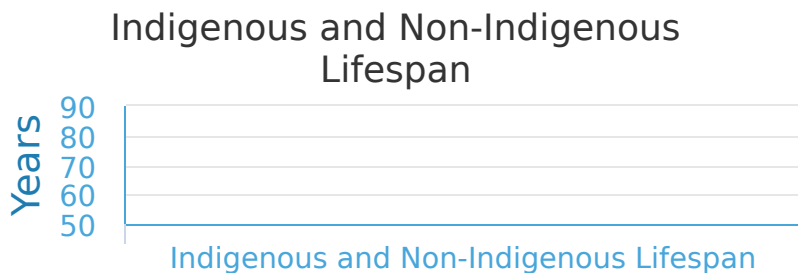
Show your work

#5

The graph below shows the average delay time for flights between a local and an international company. Which company has a range that is higher?

Airplane Delay Length

Hours

140
120
100
80
60

Airplane Delay Length

● **Local**   ● **International**
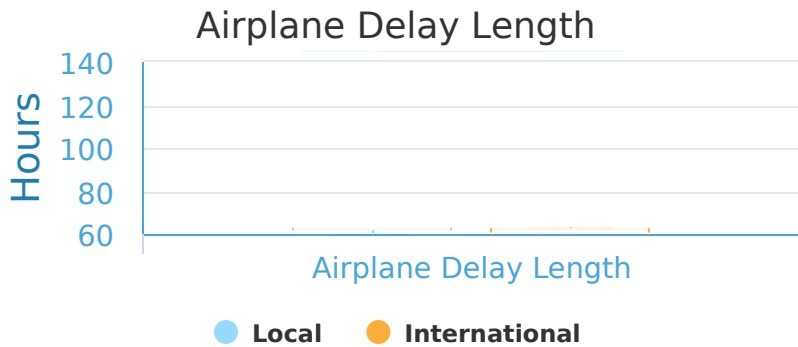
○ International   ○ Local   ○ They are equal

Show your work

#6

Researchers are comparing the average lifespan of indigenous and non-indigenous peoples. What is the range?

Indigenous and Non-Indigenous Lifespan

Years

90
80
70
60
50

Indigenous and Non-Indigenous Lifespan

○ 15 years   ○ 5 years

○ 20 years   ○ 25 years

Show your work

#7

An online ski report lists the total yearly snowfall for different cities. This box-and-whisker plot shows the results. What is the value of the lower quartile?

Total Yearly Snowfall

Snowfall (in)

150
120
90
60
30
0

Total Yearly Snowfall
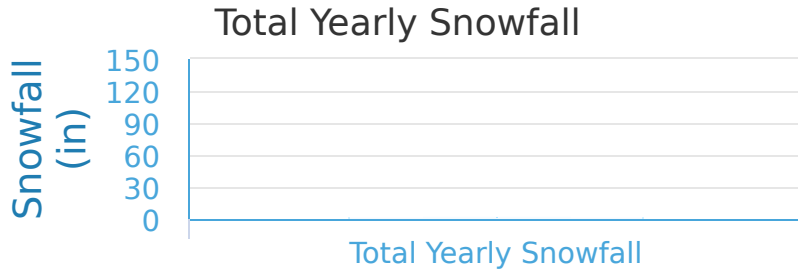
- ○ 90 inches
- ○ 60 inches
- ○ 130 inches
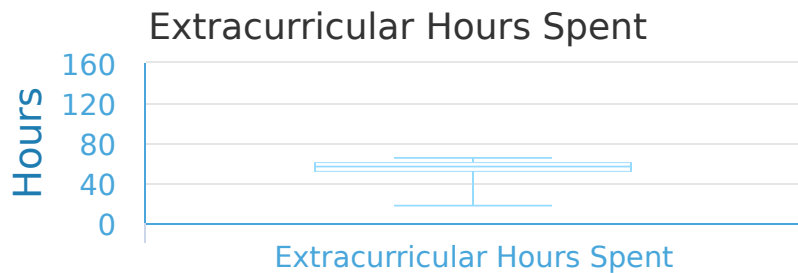- ○ 40 inches

Show your work

#8

The graph below shows the foot traffic for two departments in a store from various days in a month. Which department has a range that is higher?

Department Foot Traffic

People

200
160
120
80
40
0

Department Foot Traffic
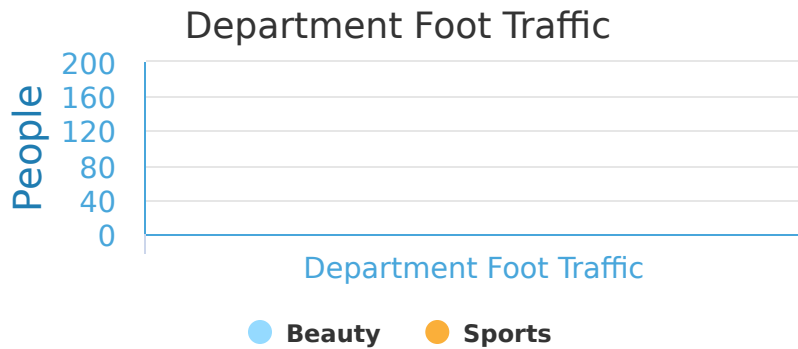
● **Beauty**   ● **Sports**

- ○ They are equal
- ○ Beauty
- ○ Sports

Show your work

#9

A school makes the following graphs to show how many extracurricular activities boys and girls participate in. What is the range?
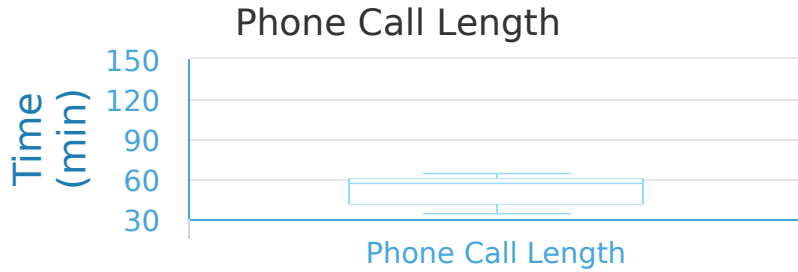
Extracurricular Hours Spent

Hours

160
120
80
40
0

Extracurricular Hours Spent

- ○ 30 hours
- ○ 10 hours
- ○ 110 hours
- ○ 20 hours

Show your work

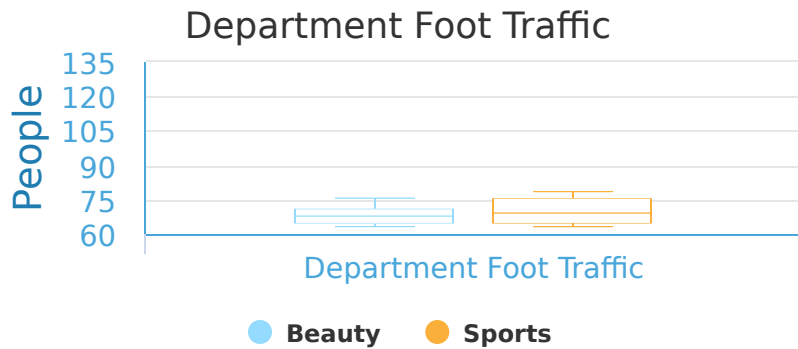**#10** The graph below compares the length of local and international phone calls made. What is the range?

Phone Call Length

Phone Call Length

- ○ 10 minutes
- ○ 20 minutes
- ○ 60 minutes
- ○ 80 minutes

Show your work

#11 The graph below shows the foot traffic for two departments in a store from various days in a month. Which department has a range that is higher?

Department Foot Traffic

Department Foot Traffic

● **Beauty**   ● **Sports**

- ○ Beauty
- ○ Sports
- ○ They are equal

Show your work

#12 The graph below compares the length of local and international phone calls made. What is the range?

Phone Call Length

Phone Call Length

- ○ 10 minutes
- ○ 120 minutes
- ○ 80 minutes
- ○ 110 minutes

Show your work

Math Games

Question	Answer
#1	choice 1
#2	choice 1
#3	choice 1
#4	choice 3
#5	choice 3
#6	choice 4
#7	choice 4
#8	choice 2
#9	choice 3
#10	choice 4
#11	choice 2
#12	choice 2

CC.6.126

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