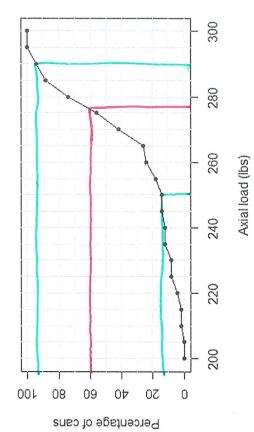
Graphical Descriptive Statistics Quiz 1W

The axial load of a solid material is the amount of force that can be applied along the long axis before the object bends or breaks. The axial loads of 50 aluminum cans are represented in the ogive below.





between 250 lbs = 290 lbs i [2] Approximately what proportion of aluminum cans have axial loads between 250 lbs and 290 lbs? Explain briefly. You may mark up the ogive if you want. polon loads are lagals % of axal axia/

loads | 93-14 =

b. [2] Complete the following sentence:

lbs. Approximately 40% of aluminum cans have axial loads exceeding 277

Explain briefly how you got your answer. You may mark up the ogive if you want. \mathcal{M} naive (100 - 40)% = 60% of $\alpha n > have$ exceeding 2771 SVB 209: lagas 40)% DXD ogine (have 204 6 John axia/

2. [1] The lengths of 30 rats, in inches, are represented in the stemptot below.

The decimal point is at the |

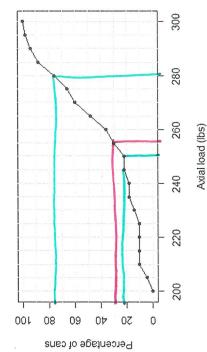
How many rats are between 11 inches and 13 inches in length?

015

Graphical Descriptive Statistics Quiz 1Z

The axial load of a solid material is the amount of force that can be applied along the long axis before the object bends or breaks. The axial loads of 50 aluminum cans are represented in the ogive below. \vdash





Approximately what proportion of aluminum cans have axial loads between 250 lbs You may mark up the ogive if you want and 280 lbs? Explain briefly ಕ

5 \$ 280 lbs is 280 96 DXD/ b

$$\approx 78 - 22 = 56\%$$

Complete the following sentence:

b.

Approximately 70% of aluminum cans have axial loads exceeding ASS lbs. Explain briefly how you got your answer. You may mark up the ogive if you want

30% below axia!

The lengths of 30 rats, in inches, are represented in the stemplot below. lagal S >≈10% have axial

The decimal point is at the |

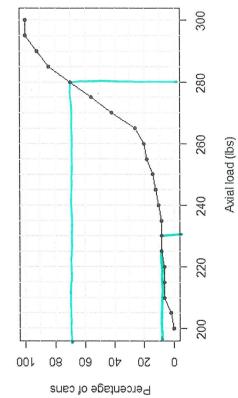
7

How many rats are between 13 inches and 19 inches in length?

Graphical Descriptive Statistics Quiz 1X

The axial load of a solid material is the amount of force that can be applied along the long axis before the object bends or breaks. The axial loads of 50 aluminum cans are represented in the ogive below. \vdash

Axial loads of 50 aluminum cans



a. [2] Approximately what proportion of aluminum cans have axial loads between 230 lbs and 280 lbs? Explain briefly. You may mark up the ogive if you want.

70% of Axia/ laads are below 380 lbs. lagals 2 9%

219=6-01=

b. [2] Complete the following sentence:

Explain briefly how you got your answer. You may mark up the ogive if you want.

NO Ogive (100 - 30) = 10% of CANS MANS.

In Many Mark Many Many 280 | B. Approximately 30% of aluminum cans have axial loads exceeding 280 Explain briefly how you got your and warner was a second secon exceeding laads = 30% have axia you agive axIa/

[1] The lengths of 30 rats, in inches, are represented in the stemplot below.

The decimal point is at the |

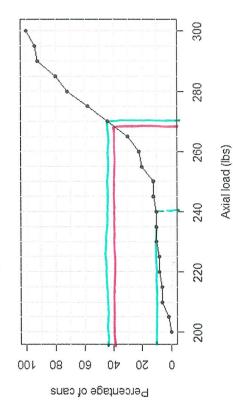
- 10
- 590249 019159 35727 12488089 12
- 14 16 18 20

How many rats are between 13 inches and 15 inches in length?

Quiz 1Y Graphical Descriptive Statistics

The axial load of a solid material is the amount of force that can be applied along the long axis before the object bends or breaks. The axial loads of 50 aluminum cans are represented in the ogive below. \vdash

Axial loads of 50 aluminum cans



Approximately what proportion of aluminum cans have axial loads between 240 lbs and 270 lbs? Explain briefly. You may mark up the ogive if you want,

sdlors-ope to cans W Z

b. Complete the following sentence:

Explain briefly how you got your answer. You may mark up the ogive if you want. _lbs. Approximately 60% of aluminum cans have axial loads exceeding 266

loads exceeding 266118 22 202-(DXID (209-201) 209≈ € You Donal

The lengths of 30 rats, in inches, are represented in the stemplot below. 7

The decimal point is at the |

8 | 228 10 | 3<u>1</u>2449 12 | 271156 14 | 0029127 16 | 4<u>1</u>5999 18 | 2 20 | 0

How many rats are between 11 inches and 17 inches in length?

9 S+6+7+1 = 19