

## Stem and Leaf Diagrams GREEN

Here are the times, in minutes, taken to change some tyres.

5 10 15 12 8 7 20 35 24 15  
20 33 15 25 10 8 10 20 16 10

In the space below, draw a stem and leaf diagram to show these times.

- Calculate the median of these times. \_\_\_\_\_
- Calculate the range of these times. \_\_\_\_\_
- How many times did it take less than 20 minutes to change the tyre? \_\_\_\_\_

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Jessica counted the number of words in each of the first 25 sentences of a book.  
Here are her results.

24 11 29 28 25 46 19 15 19 18 22 28 22  
33 4 1 6 13 30 13 15 2 25 15 6

In the space below, draw a stem and leaf diagram to show these results.

- Calculate the median of these results. \_\_\_\_\_
- Calculate the range of these results. \_\_\_\_\_
- How many sentences had 22 words? \_\_\_\_\_

Here are the ages, in years, of 15 teachers.

35 52 42 27 36  
23 31 41 50 34  
44 28 45 45 53

In the space below, draw a stem and leaf diagram to show these ages.

- a) Calculate the median of these ages. \_\_\_\_\_  
b) Calculate the range of these ages. \_\_\_\_\_  
c) How many teachers were over 30 years old? \_\_\_\_\_

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Daniel travels to school by bus. He recorded the journey time, in minutes, each day for fifteen days. His times are shown below.

21 18 24 31 21 30 19 22  
24 32 33 28 22 29 18

In the space below, draw a stem and leaf diagram to show these times.

- a) Calculate the median of these times. \_\_\_\_\_  
b) Calculate the range of these times. \_\_\_\_\_  
c) What is the probability that the journey was longer than 25 minutes? \_\_\_\_\_

## Stem and Leaf Diagrams AMBER

Here are the times, in minutes, taken to change some tyres.

5 10 15 12 8 7 20 35 24 15  
20 33 15 25 10 8 10 20 16 10

In the space below, draw a stem and leaf diagram to show these times.

- 1) Stems
- 2) Leaves
- 3) Order
- 4) Key

- a) Calculate the median of these times. \_\_\_\_\_
- b) Calculate the range of these times. \_\_\_\_\_
- c) How many times did it take less than 20 minutes to change the tyre? \_\_\_\_\_

Put the data in  
order first

How many  
numbers are  
less than 20?

Jessica counted the number of words in each of the first 25 sentences of a book.  
Here are her results.

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33 4 1 6 13 30 13 15 2 25 15 6

In the space below, draw a stem and leaf diagram to show these results.

- a) Calculate the median of these results. \_\_\_\_\_
- b) Calculate the range of these results. \_\_\_\_\_
- c) How many sentences had 22 words? \_\_\_\_\_

How many 22s are  
in your diagram?

Here are the ages, in years, of 15 teachers.

35 52 42 27 36  
23 31 41 50 34  
44 28 45 45 53

In the space below, draw a stem and leaf diagram to show these ages.

- a) Calculate the median of these ages. \_\_\_\_\_  
b) Calculate the range of these ages. \_\_\_\_\_  
c) How many teachers were over 30 years old? \_\_\_\_\_

How many numbers are greater than 30?

Daniel travels to school by bus. He recorded the journey time, in minutes, each day for fifteen days. His times are shown below.

21 18 24 31 21 30 19 22  
24 32 33 28 22 29 18

In the space below, draw a stem and leaf diagram to show these times.

- a) Calculate the median of these times. \_\_\_\_\_  
b) Calculate the range of these times. \_\_\_\_\_  
c) What is the probability that the journey was longer than 25 minutes? \_\_\_\_\_

How many numbers are greater than 25? How many are there altogether?  
Hint: fraction.

## Stem and Leaf Diagrams RED

Here are the times, in minutes, taken to change some tyres.

5 10 15 12 8 7 20 35 24 15  
20 33 15 25 10 8 10 20 16 10

In the space below, draw a stem and leaf diagram to show these times.

- 1) Stems
- 2) Leaves
- 3) Order
- 4) Key

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0 | 5 8 7 8
1 | 0 5 2 5 5 0 0 6 0
2 | 0 4 0 5 0
3 | 5 3
    
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Put the data in order first then cross off from both ends

How many numbers are less than 20?

Range = biggest - smallest

- a) Calculate the median of these times. \_\_\_\_\_
- b) Calculate the range of these times. \_\_\_\_\_
- c) How many times did it take less than 20 minutes to change the tyre? \_\_\_\_\_

Jessica counted the number of words in each of the first 25 sentences of a book.

Here are her results.

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33 4 1 6 13 30 13 15 2 25 15 6

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- 2) Leaves
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- 4) Key

- a) Calculate the median of these results. \_\_\_\_\_
- b) Calculate the range of these results. \_\_\_\_\_
- c) How many sentences had 22 words? \_\_\_\_\_

How many 22s are in your diagram?

Here are the ages, in years, of 15 teachers.

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23 31 41 50 34  
44 28 45 45 53

- 1) Stems
- 2) Leaves
- 3) Order
- 4) Key

In the space below, draw a stem and leaf diagram to show these ages.

- a) Calculate the median of these ages. \_\_\_\_\_
- b) Calculate the range of these ages. \_\_\_\_\_
- c) How many teachers were over 30 years old? \_\_\_\_\_

How many numbers are greater than 30?

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- 1) Stems
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In the space below, draw a stem and leaf diagram to show these times.

- a) Calculate the median of these times. \_\_\_\_\_
- b) Calculate the range of these times. \_\_\_\_\_
- c) What is the probability that the journey was longer than 25 minutes? \_\_\_\_\_

How many numbers are greater than 25? How many are there altogether?  
Hint: fraction.