



MATHEMATICS



N.S. Yr. 1 P.76

**Use simple measuring equipment
Interpret scales**

Equipment

Balances
Pencil and paper crayons string
Various containers

MathSphere

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Concepts

The work in this module is very similar to the other measurement modules.

The emphasis here is for children to make their own measuring devices to compare different items.

Eg

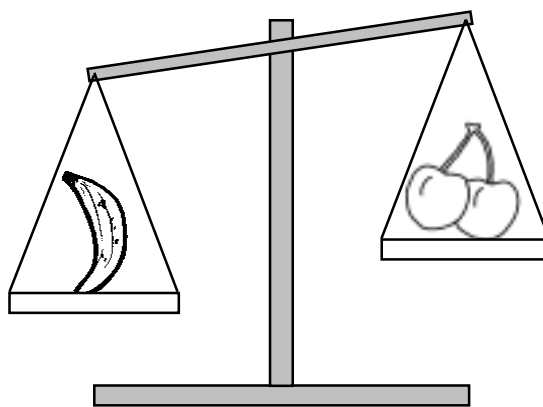
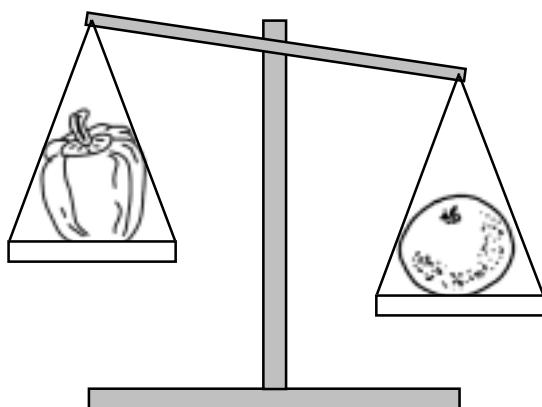
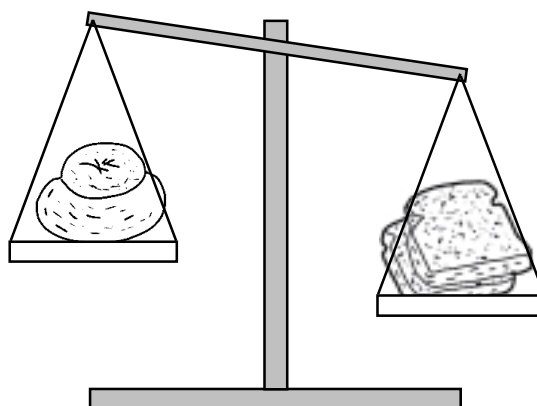
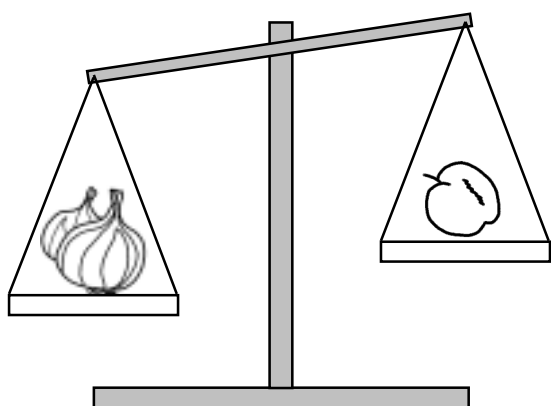
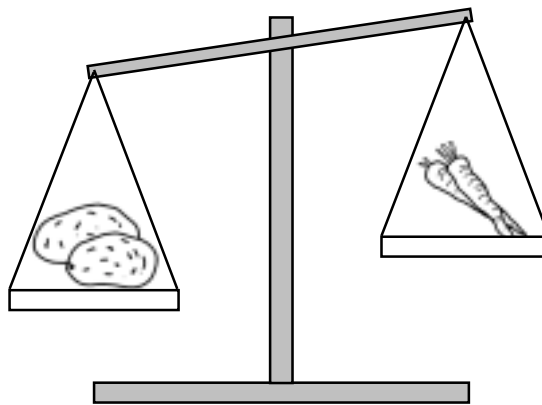
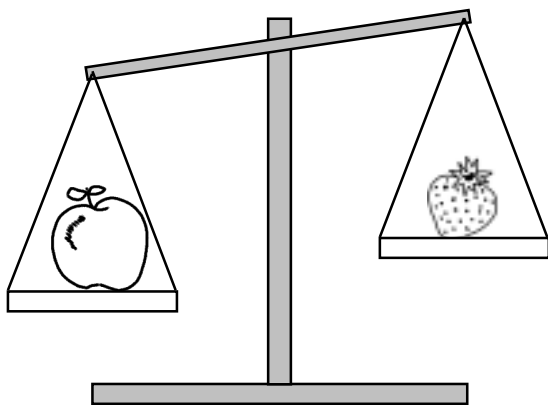
Use an apple to compare various other fruits

Use string to compare lengths

Make their own ruler using hand spans etc.

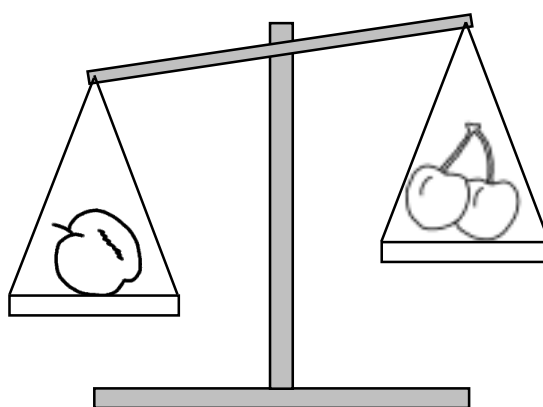
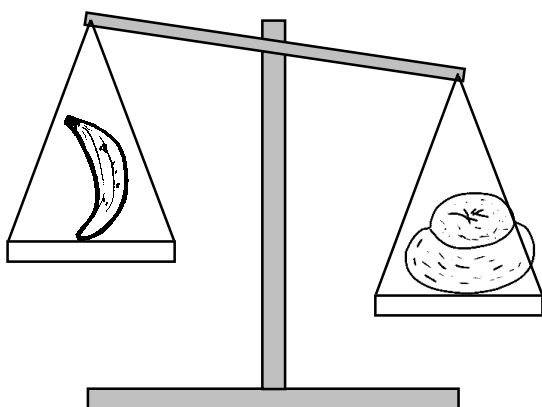
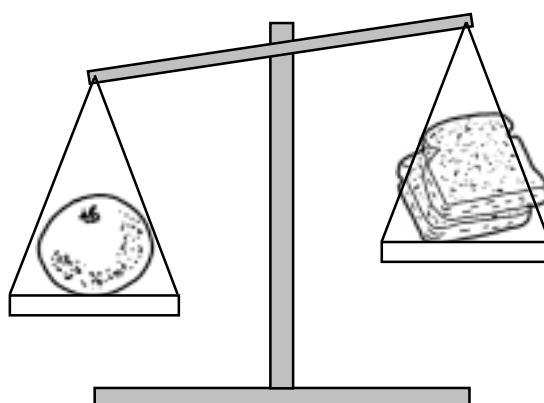
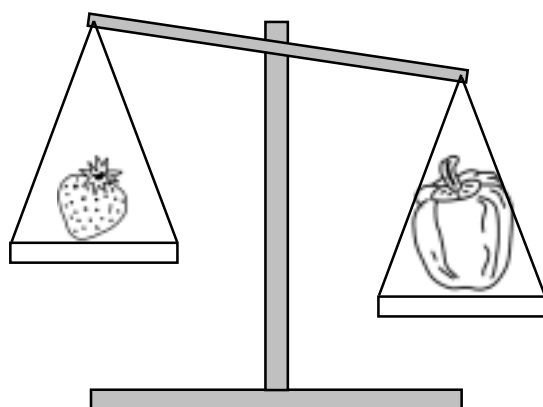
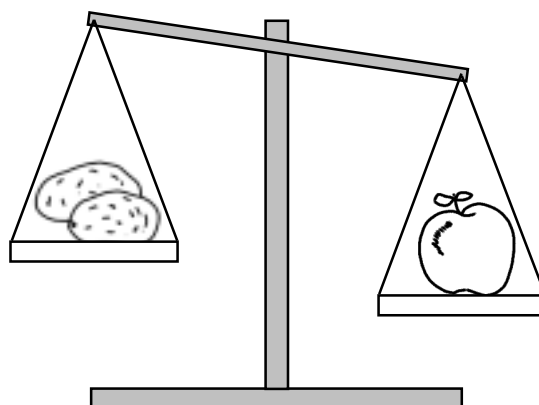
Which weighs more?

Colour in the heavier object on each set of scales.



Which weighs more?

Colour in the heavier object on each set of scales.

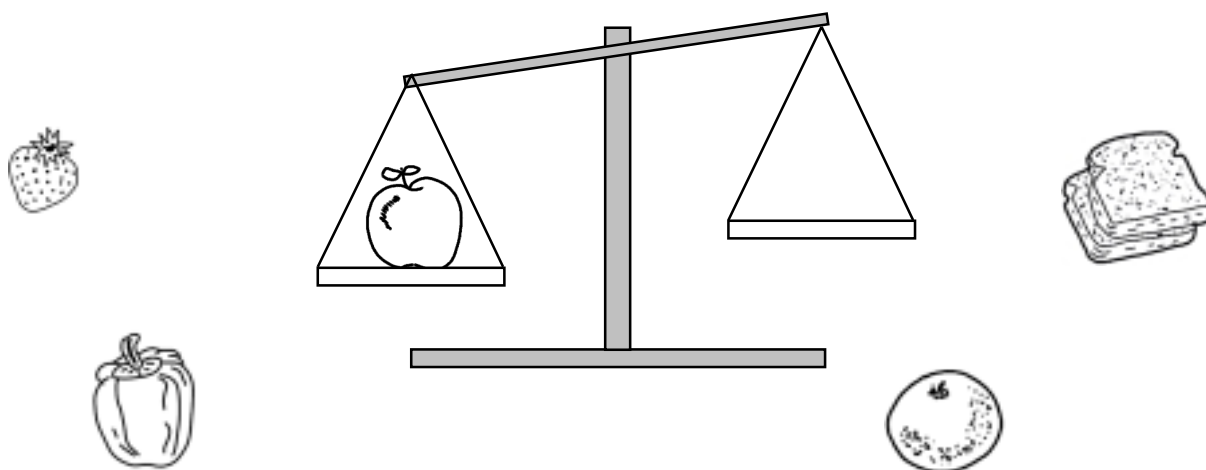


Which weighs more?

Use an apple on one side of a balance.

Now compare various other items to see if they are lighter or heavier.

Record your results in the table below:



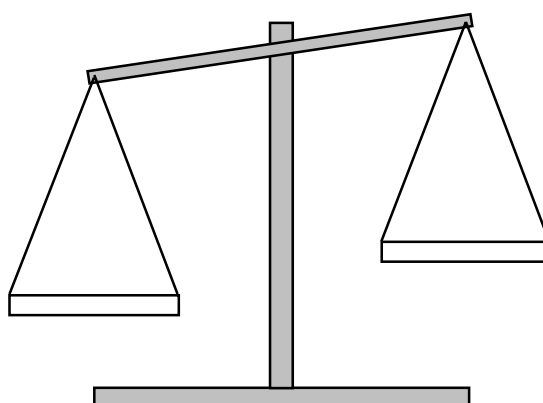
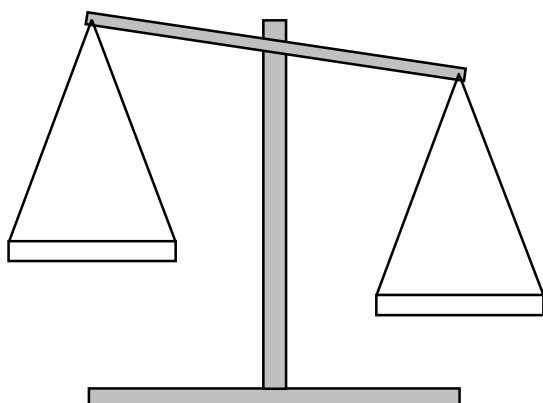
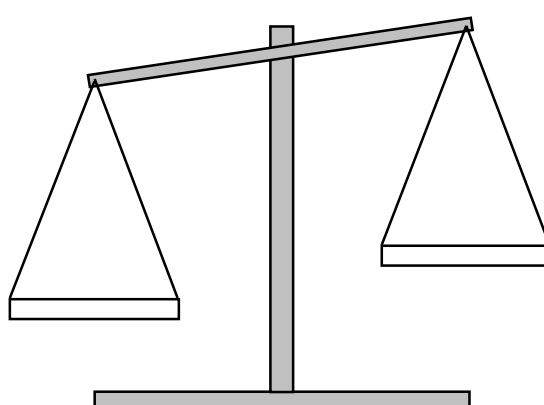
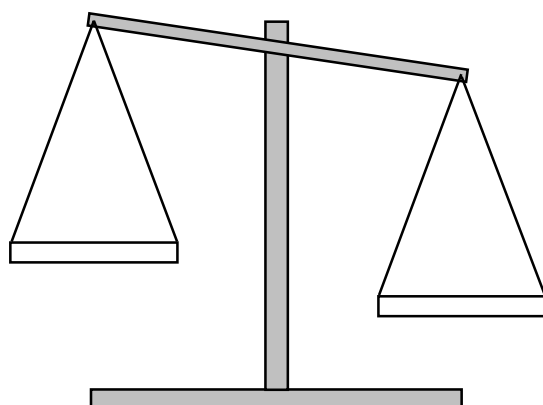
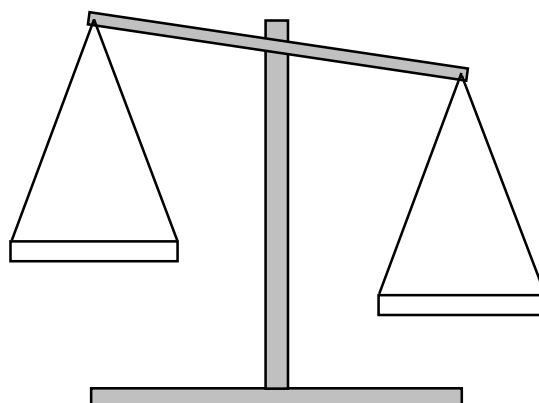
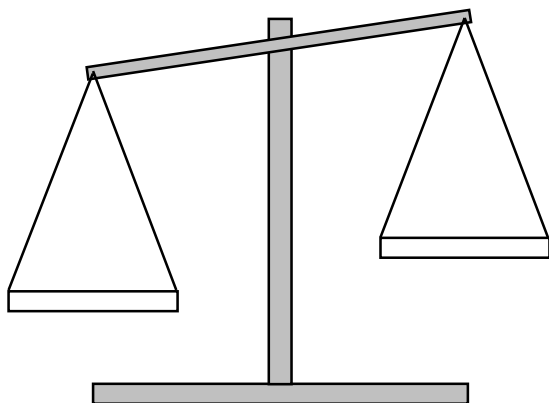
Things **lighter** than an apple

Things **about the same** weight as an apple

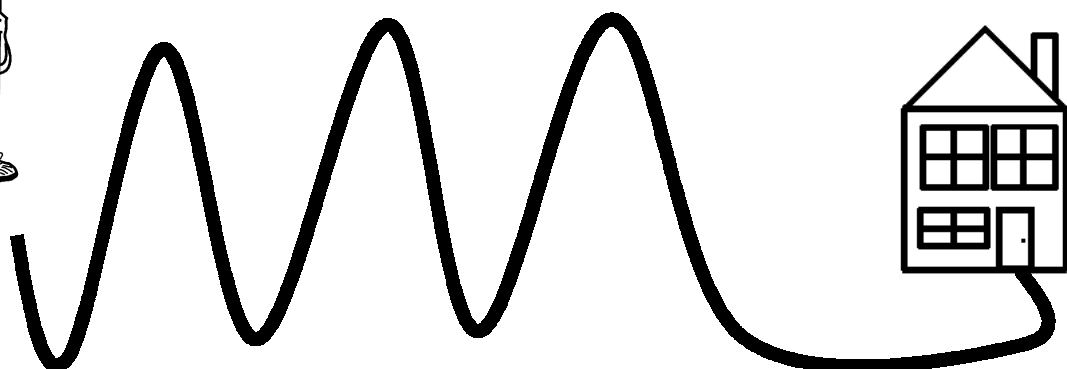
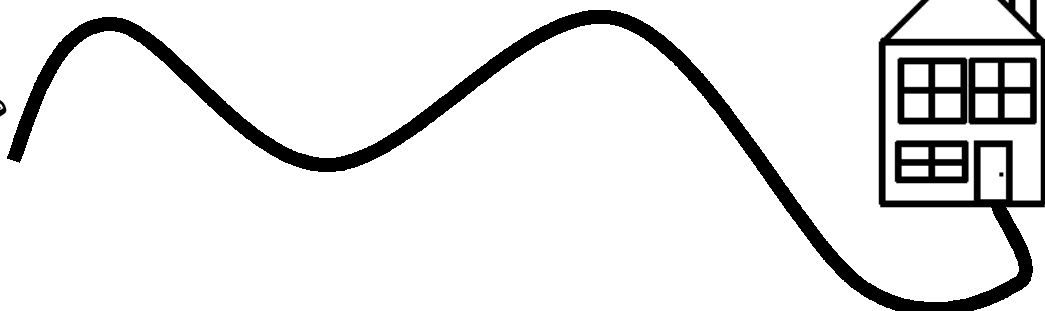
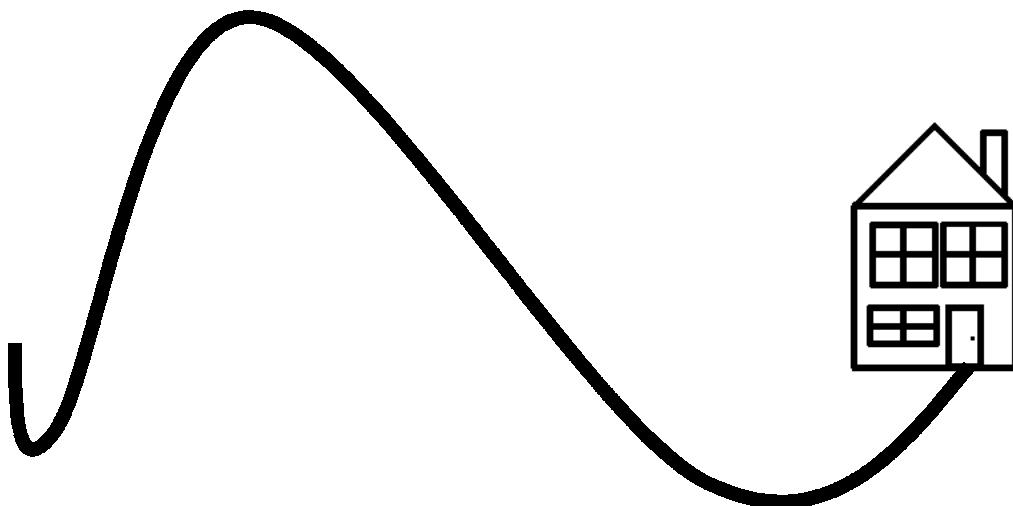
Things **heavier** than an apple

Which weighs more?

Make your own drawings to put on the scales to show which is heavier.



Use a piece of string to find who has the longest journey home.



Comparing

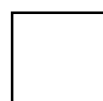
Colour the container which has more in.



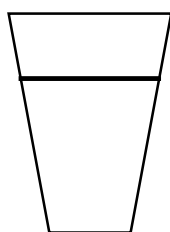
a



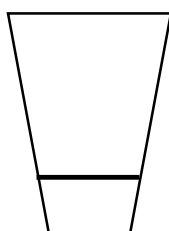
b



has more in.



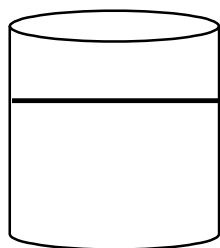
c



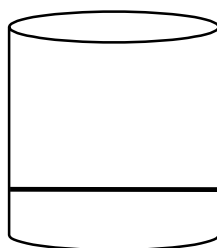
d



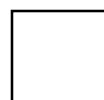
has more in.



e



f



has more in.



g



fh



has more in

Use an empty yoghurt pot to measure how much water various containers will hold.

Record your results below:

1. A cup will hold _____ full pots.



2. A carton will hold _____ full pots.



3. A glass will hold _____ full pots.



4. A jug will hold _____ full pots.



5. A saucepan will hold _____ full pots.



6. A tea pot will hold _____ full pots.



7. A bucket will hold _____ full pots.



8. A mug will hold _____ full pots.



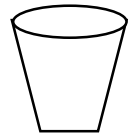
Now do the same, but measuring with a cup.

Use the table on the next page to record your results.

Use cup to measure how much water various containers will hold.

Record your results below:

1. A yoghurt pot will hold _____ full cups.



2. A carton will hold _____ full cups.



3. A glass will hold _____ full cups.



4. A jug will hold _____ full cups.



5. A saucepan will hold _____ full cups.



6. A tea pot will hold _____ full cups.



7. A bucket will hold _____ full cups.



8. A mug will hold _____ full cups.

