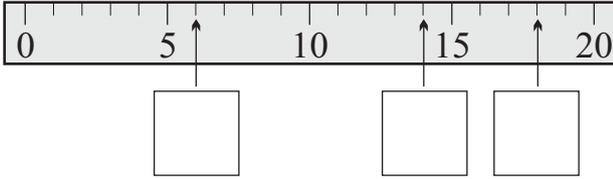# LENGTH 1

MARK

21

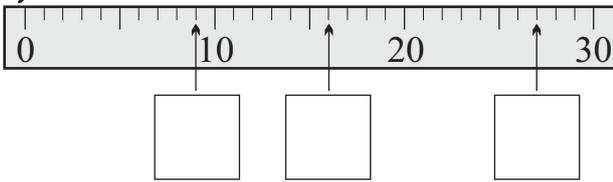**1.** Read the measurements shown on these scales.
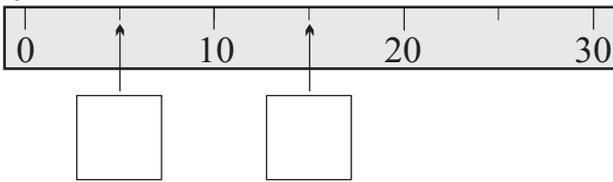
(a)

```
0        5        10    15        20
```

(b)

```
0           10       20        30
```

(c)

```
0          10        20         30
```

(d)

```
0        20        40        60
```

(e)

```
0        100      200        300
```

(f)

```
0        100      200        300
```

(g)

```
0        50      100     150    200
```
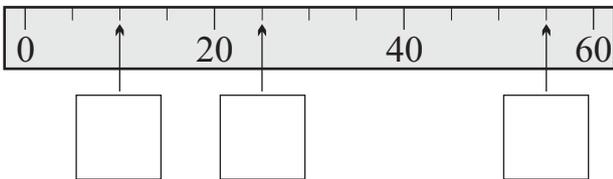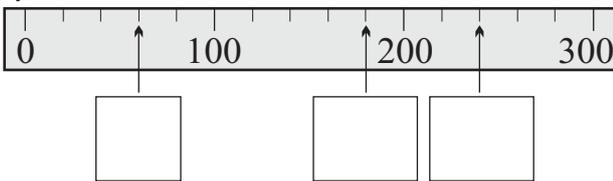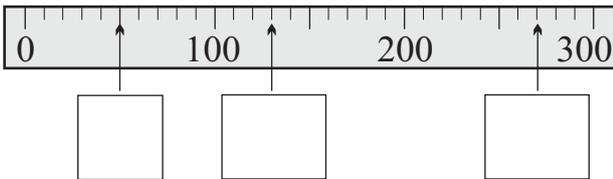
2. Use a ruler to measure the length (in **centimetres**) of the following lines.
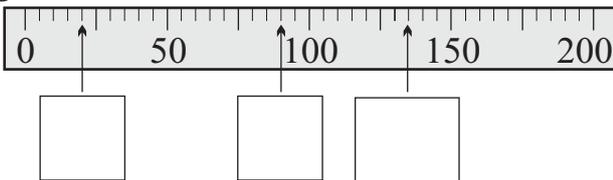
cm

cm

cm

cm

cm
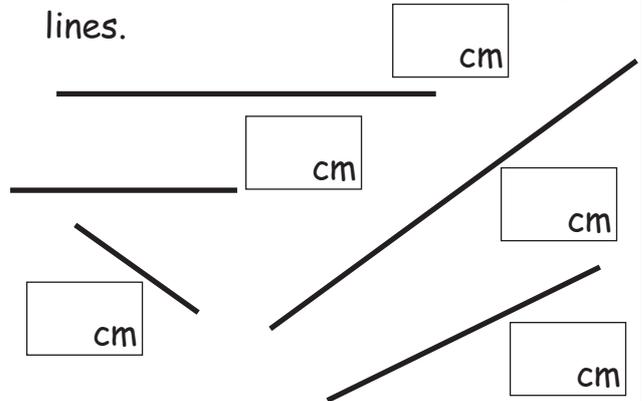
3. Use a ruler to measure the length (in **millimetres**) of the following lines.
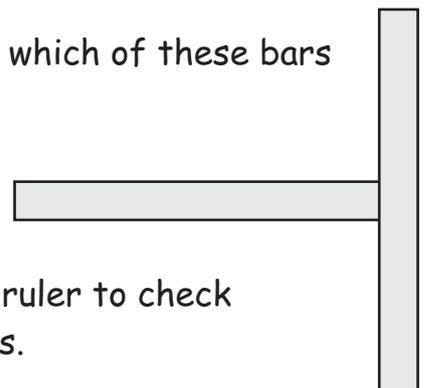
mm

mm

mm

mm

mm
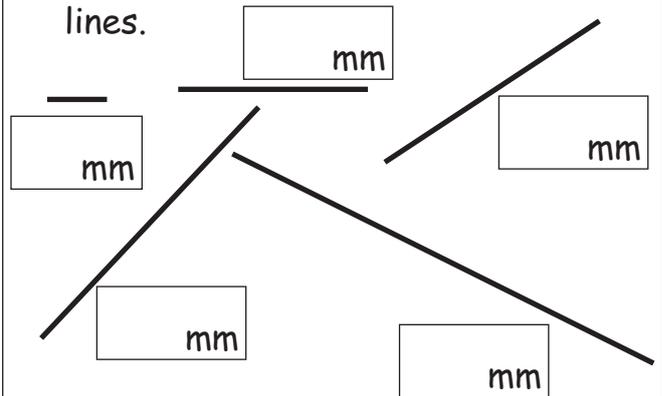
4. (a) Guess which of the following horizontal lines is longer.
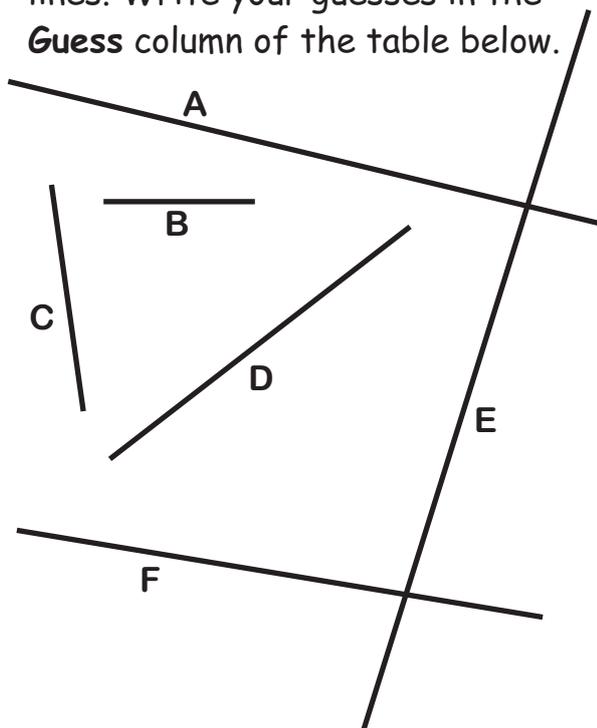(b) Use a ruler to check your guess.
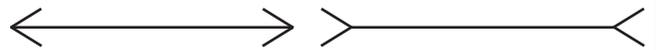
5. (a) Guess which of these bars is longer.

(b) Use a ruler to check your guess.

6. (a) **Guess** the length (in **centimetres**) of the following lines. Write your guesses in the **Guess** column of the table below.

A

B

C

D

E

F

(b) Measure the length of each line and write these in the **Length** column of the table.

(c) Find the difference between your guess and the actual length of each line. Write these differences in the **Error** column.

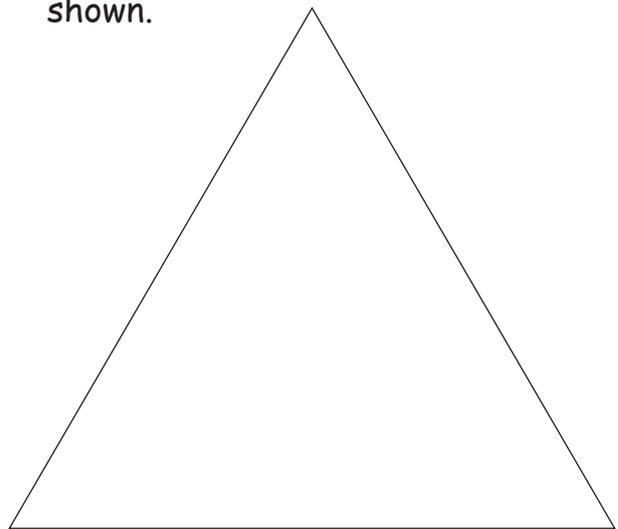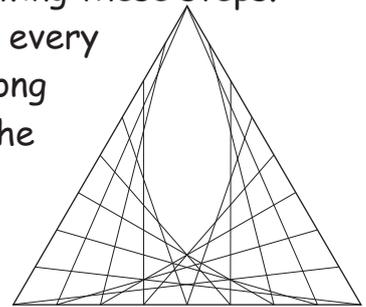(d) Add all the errors and write this total at the bottom of the **Error** column.

(e) If this total is less than 10 you have guessed well.

Line	Guess	Length	Error
A	cm	cm	cm
B	cm	cm	cm
C	cm	cm	cm
D	cm	cm	cm
E	cm	cm	cm
F	cm	cm	cm
		Total	cm

7. Draw this design on the triangle below by following these steps.
(a) Put a mark every **centimetre** along the sides of the triangle.
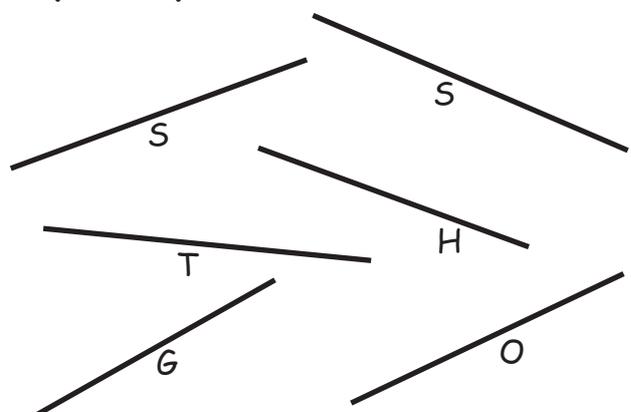(b) Connect them as shown.

8. Measure the length (in **millimetres**) of each of the lines below. Write the lengths on each line. Arrange the lengths in order from the smallest to the largest in the table below.
The letters will spell what **phasmophobia** is the fear of.

S

S

T

H

G

O

Length						
Letter						