



Aberdare Community School
Mathematics Department

WJEC GCSE

Foundation – Non Calculator
Shape

Estimate height

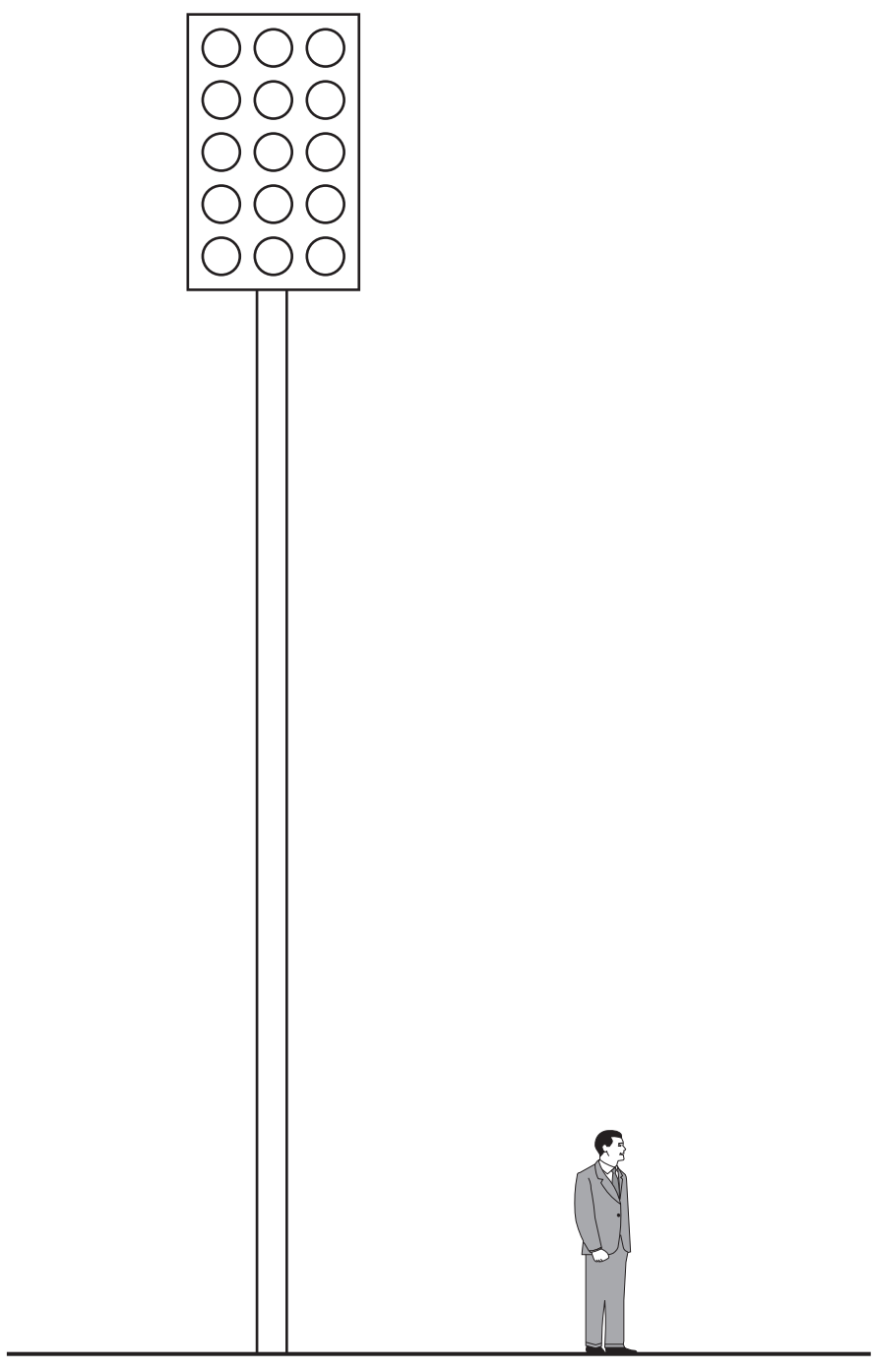
Name:

Set:

Date:

Teacher:

8.



The diagram opposite, which is drawn to scale, shows a man standing at the side of a floodlight tower at a football ground.

Estimate the height of the man and hence find an estimate for the height of the floodlight tower.

Show all your working.

Estimated height of the man =

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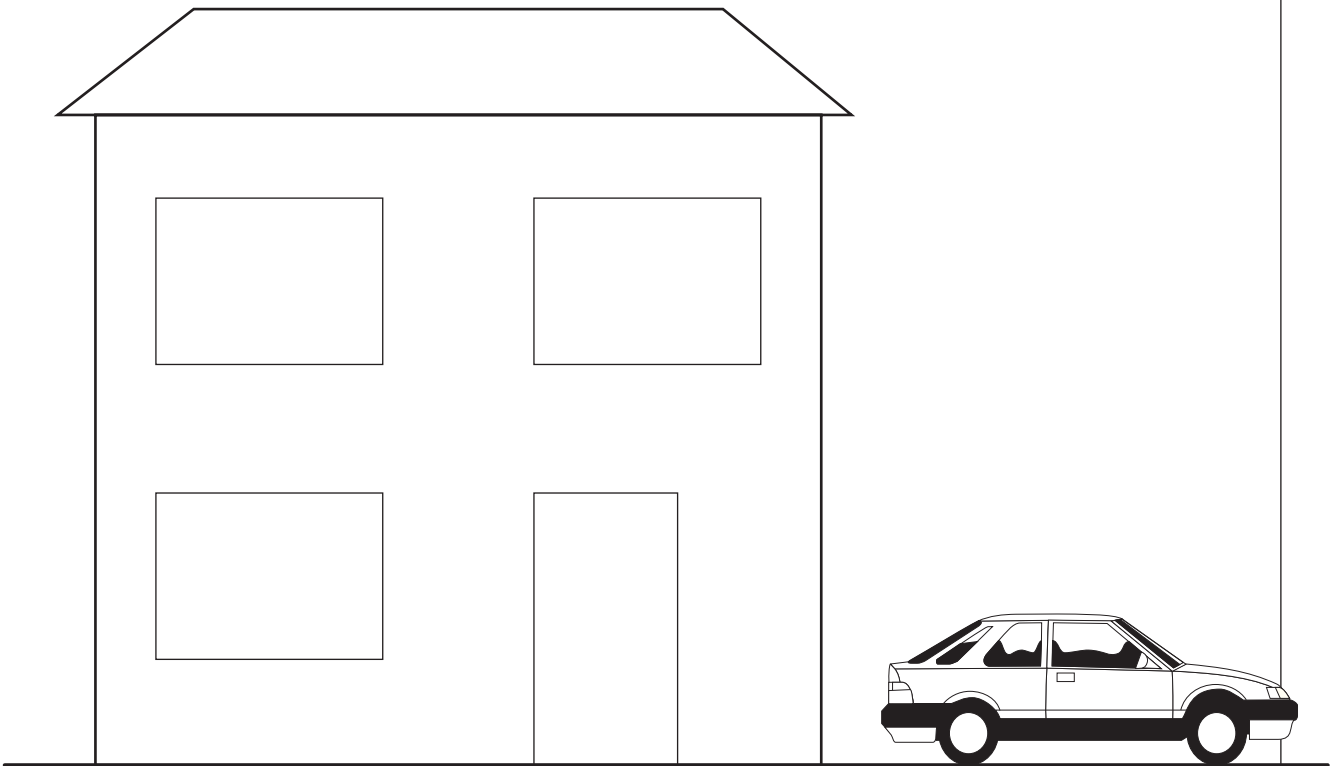
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Estimated height of the floodlight tower =

[4]

7.



Diagrams are drawn to scale.

The above diagrams, **which are drawn to scale**, show a drawing of a house and a car.

Write down an estimate for the **actual** height of the car.

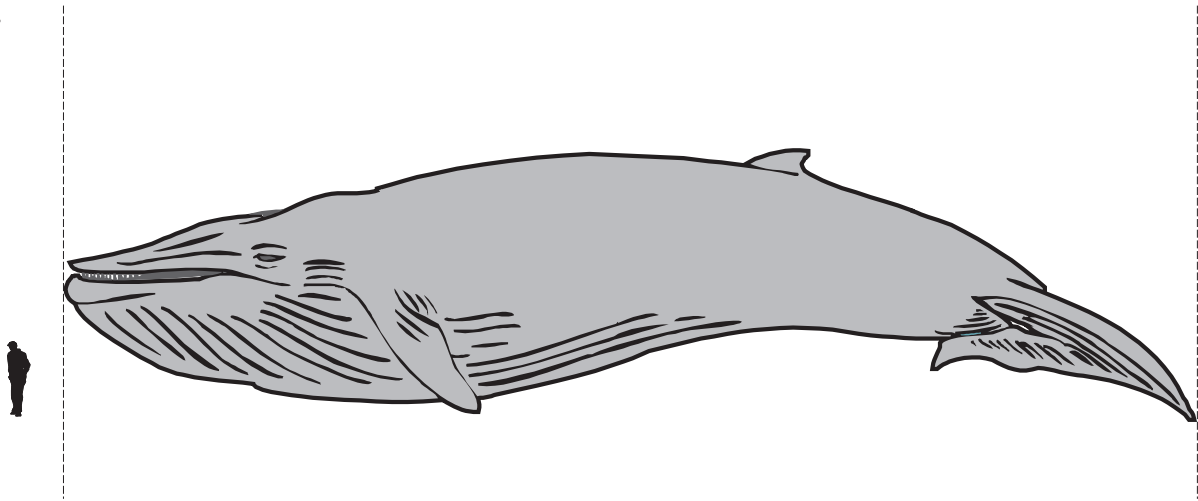
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Find an estimate for the **actual** height of the house.

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[4]

10.



The above picture shows a man standing next to a whale.

Write down an **estimate** for the **actual height** of the man.

Using this estimate for the height of the man, estimate the **actual length** of the whale.

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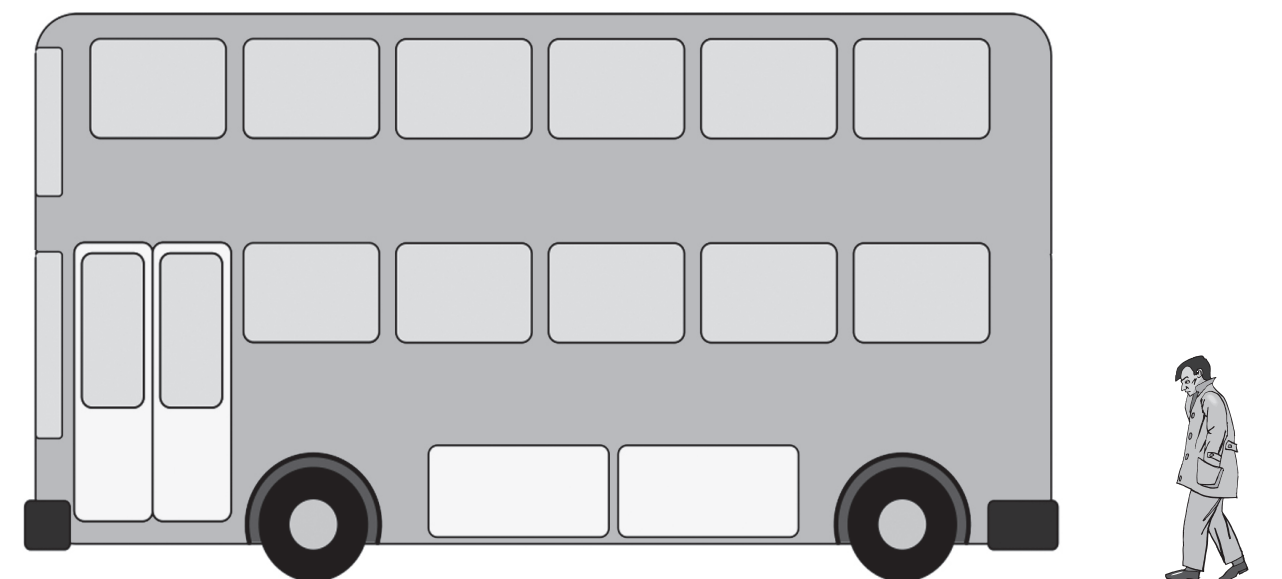
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[4]

8.



The above diagram shows a bus and a man.

Write down an **estimate** for the **actual height** of the man.

Using this estimate for the height of the man, estimate the **actual height** of the top of the bus above ground level. [4]

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