

English

HOGWARTS SCHOOL OF WITCHCRAFT AND WIZARDRY

Headmaster: Albus Dumbledore

(Order of Merlin, First Class, Grand Sorc., Chf. Warlock,
Supreme Mugwump, International Confed. of Wizards)

Dear Mr Potter,

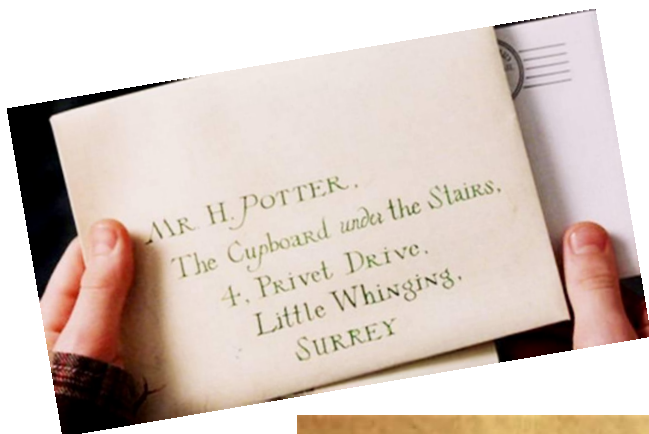
We are pleased to inform you that you have a place at
Hogwarts School of Witchcraft and Wizardry. Please
find enclosed a list of all necessary books and equipment.

Term begins on 1 September. We await your owl by no
later than 31 July.

Yours sincerely,

Minerva McGonagall

Deputy Headmistress



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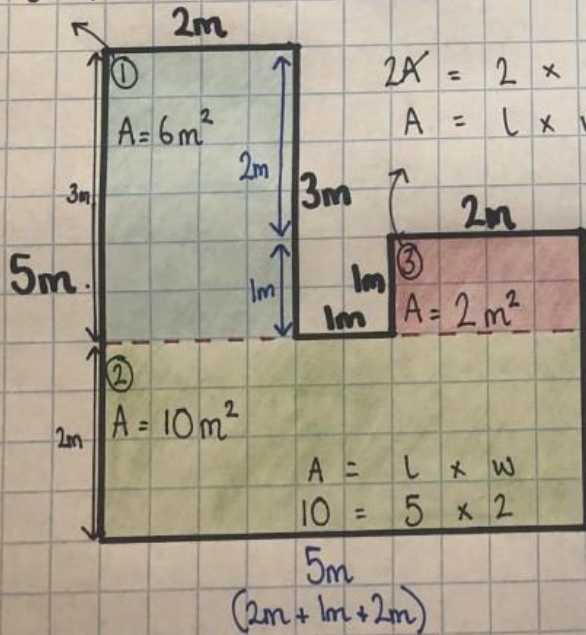
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Maths

Area

$$6 = 3 \times 2$$

$$A = L \times W$$



① Fill in missing measurements.

② Separate shapes

③ Calculate area of each shape by applying known formula (e.g. $L \times W$).

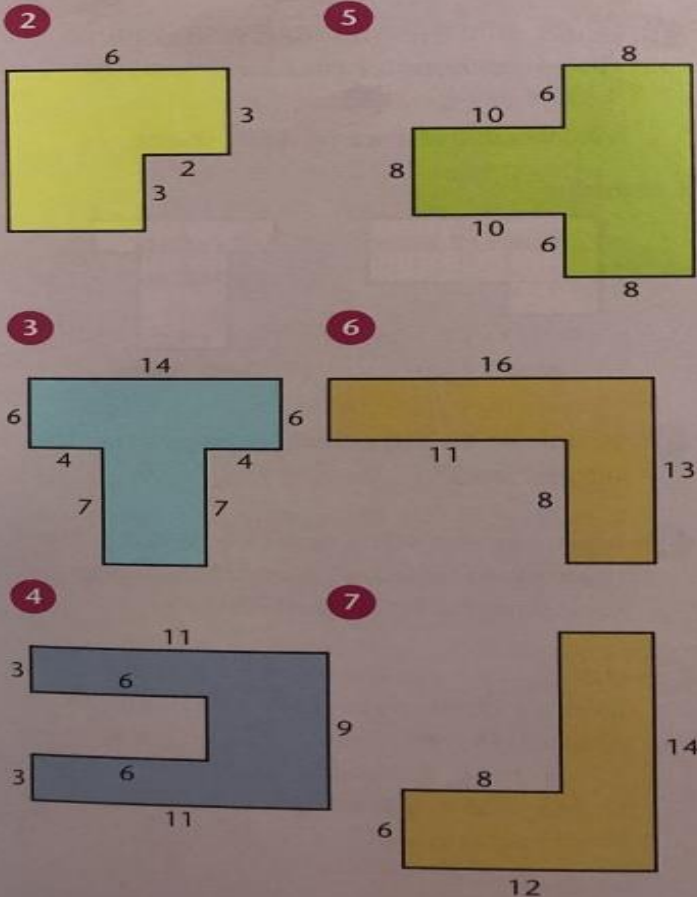
$$① = 6m^2 \quad ② = 10m^2 \quad ③ = 2m^2$$

④ Add the areas together.
 $(5m - 2m) \quad 10 + 6 + 2 = 18$

⑤ Make answer clear, remembering to include unit of measure squared (e.g. m^2)

$$A = 18 \frac{m^2}{-}$$

All lengths are in centimetres.



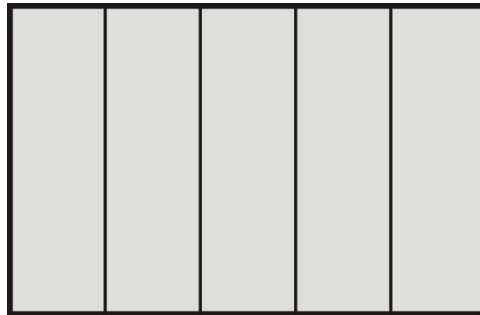
Using the video and these steps to help you, find the area of the rectilinear shapes shown below. All measurements are in centimetres.

Lara has some identical rectangles.

They are 7 centimetres long and 2 centimetres wide.



She uses **five** of her rectangles to make the large rectangle below.



What is the **perimeter** of the large rectangle?

1 mark

What is the **area** of the large rectangle?

1 mark

Guided Reading

who have never had one in their mouth cannot think how bad it feels. A great piece of cold, hard steel as thick as a man's finger is pushed between your teeth and over your tongue, with the ends coming out at the corners of your mouth, and is held fast there by straps over your head, under your throat, round your nose, and under your chin; so that no way in the world can you get rid of the nasty hard thing. Bad! bad! yes, very bad! At least I thought so; but I knew my mother always wore one when she went out, and that all horses did when they were grown up. And so, what with my master's pats, kind words, and gentle ways, I got to wear my bit and bridle.

Next came the saddle, but that was not half so bad. My master put it on my back very gently, whilst old Daniel held my head. Then, patting and talking to me all the time, he made the girths fast under my body. I had a few oats, then I was led about for a while; and this went on every day till I began to look for the oats and the saddle.

At length, one morning my master got on my back and rode me round the meadow on the soft grass. It certainly did feel queer; but I must say I felt rather proud to carry my master; and, as he continued to ride me a little every day, I soon became accustomed to it.

The next unpleasant business was putting on the iron shoes; that too was very hard at first. My master went with me to the smith's forge to see that I was not hurt or frightened. The blacksmith took my feet in his hand, one after the other, and cut away some of the hoof. It did not pain me, so I stood still on three legs till he had done them all. Then he took a piece of iron the shape of my foot, clapping it on, and drove some nails through the shoe quite into my hoof, so that the shoe was firmly held. My feet were very stiff and heavy, but in time I got used to it.

And now having got so far, my master went on to break me to harness; for this there were more new things to wear. First, they placed a stiff, heavy collar just on my neck, and a bridle with great side-pieces, called blinkers, against my eyes. And blinkers indeed they were, for I could not see on either side, but only straight in front of me. Next there was a small saddle with a nasty stiff strap that went right under my tail; that was the crupper. I hated the crupper—to have my long tail doubled up and poked through that strap was almost as bad as the bit. I never felt more like kicking, but of course, I could not kick such a good master; and so in time I got used to everything, and could do my work as well as my mother.

I must not forget to mention one part of my training which I have always considered a very great advantage. My master sent me for a fortnight to a neighbouring farmer who had a meadow which was skirted on one side by the railway. Here were some sheep and cows, and I was turned in amongst them.

I shall never forget the first train that ran by. I was feeding quietly near the pales which separated the meadow from the railway, when I heard a strange sound at a distance; and before I knew whence it came—with a rush and a clatter, and a puffing out of smoke, a long, black train of something flew by, and was gone almost before I could draw my breath. I turned, and galloped to the farther side of the meadow as fast as I could go; and there I stood snorting with astonishment and fear.

In the course of the day many other trains went by, some more slowly; these drew up at the station close by, and sometimes made an awful shriek and groan before they stopped. I thought it very dreadful, but the cows went on eating very quietly, and hardly raised their heads as the black, frightful thing came puffing and grinding past.