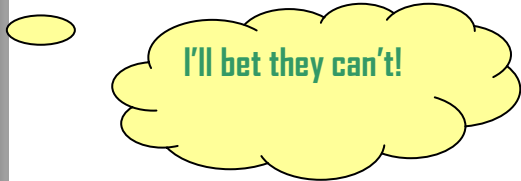


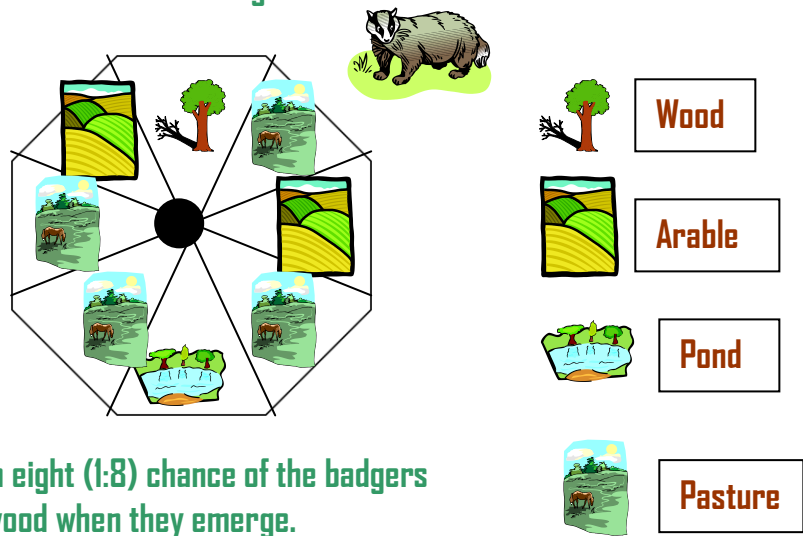
Digit the Badger 4



Look at the puzzles below. Do you think you can work them out?



The sett is at the centre of this octagon.



There is a one in eight (1:8) chance of the badgers heading to the wood when they emerge.

What are the chances that Digit the badger going to pasture when he comes out at night? (Can you reduce it to its lowest terms?)

What is the chance that Digit will go to the arable land? (Crops, such as wheat and barley.)

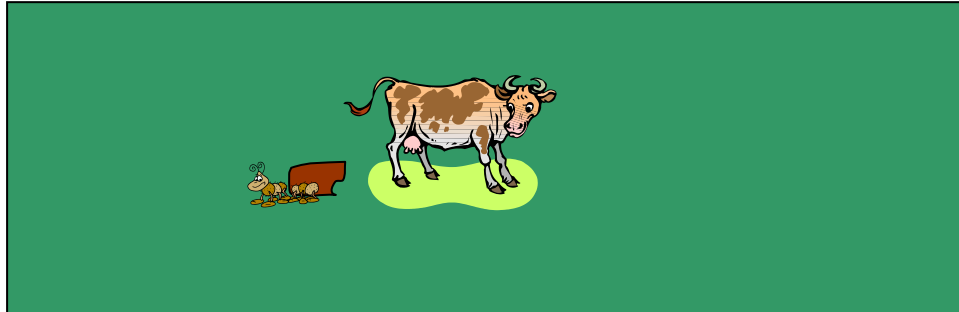
What is the chance that Digit will go to the pond? (Actually, badgers don't drink that much; they get most of their moisture from the worms they eat. Of course, the pond can be a lifesaver in a hot summer!)



Have a look at this field. It is a pasture field, which is so important to badgers, as they find most worms there. (They also like to look under cowpats for grubs. Lovely!)

The badger group want to know how big the field is.

26m.



The width of the field is 26 metres.

The perimeter of the field is 174m. What is the length of the field?

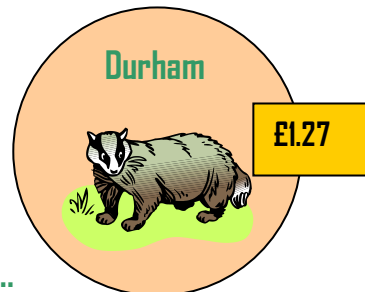
What is the area of the field? (Remember the formula: $A = L \times W$)m²

On their stall at the country show, the Badger Group were selling badges - (no, not badgers!)

For every badge they sold, they made 90p.

How much did they make, if they sold 15 badges?

How many badges did they sell, if they made £18?



Your little sister wants a badge and a cuddly toy. How much will they cost together?



£1.35

You fancy a badge and a yo-yo. How much will you have to pay?

.....

Yo-yos £2.49

