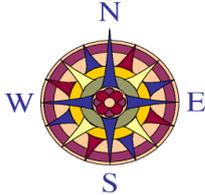


Badgery Science Fun 8

Badgers are *crepuscular* and *nocturnal*. Can you find what these two words mean by looking in a dictionary?

Crepuscular = **comes out at twilight** . Nocturnal = **Comes out at night.** (We are diurnal.)



The sun rises in the **east** and sets in the **west**.

Our badgers live in a sett beneath a large tree.



When the badgers come out *at night, just before sunset*, to look for food, which way would the shadow lie?
Draw the shadow beside the tree.

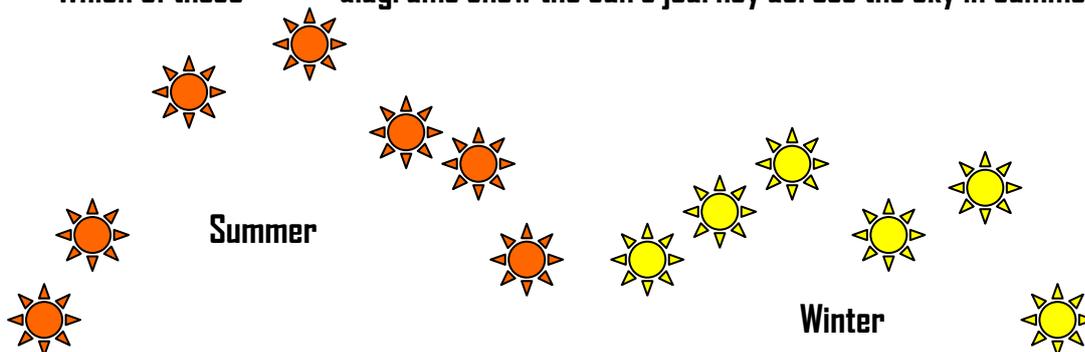


When the badgers come home in the *early morning, just after sunrise*, which way would the shadow fall? Draw the shadow beside the tree.



When would the shadow be shortest? 7.00am, **12.00 noon**, 7.00pm.

Which of these diagrams show the sun's journey across the sky in summer?



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