## Directions to food

This task is about compass directions and distance.

[Scale: 1 square $=10$ centimetres]
The ant only crawls along the dotted lines with arrows on this grid.
For each part of the ant's journey, give

1. the distance the ant needs to travel and
2. the direction it travels in (North, South, East or West).

The ant only crawls along the dotted lines with arrows on this grid.
a) To get to the muffin, the ant needs to crawl $\square \mathrm{cm}$ to the South/ East/ North/ West.
b) To get to the kiwifruit, the ant needs to crawl

1. $\qquad$ cm to the North/ East/ South/ West, then
2. $\qquad$ cm to the North/ East/ South/ West.
c) To get to the apple the ant needs to crawl
3. 

$\square \mathrm{cm}$ to the South/ North/ East/ West, then
2. $\square$ cm to the South/ East/ North/ West, and then
3.
$\square \mathrm{cm}$ to the South / East/ North / West.
d) Between which two objects does the ant need to walk the furthest?

O The muffin and the gingerbread man.The muffin and the kiwifruit.
The gingerbread man and the kiwifruit.

O The muffin and the apple.
O The gingerbread man and the apple.
O The apple and the kiwifruit.

