

## How many messages?- solution

This problem again relates to graph theory but this time the relations between each of the objects is different:

Pete will send **four** text messages: one to Sarah, one to Matt, one to Amy and one to Luke.

Sarah, who has already received a text message from Pete, still needs to send **four** messages - one to each person.

This is the same for Matt, Amy and Luke meaning that a total of **20** text messages will be sent.

