Speed and distance

This task is about speed and distance maths problems.

To get to River's house, Atawhai walked slowly for 30 minutes, then stopped for 10 minutes.

Atawhai then continued at the same walking pace for 20 minutes to reach River's house.

a) How long did it take Atawhai to get to River's house? _____

The equation below describes Atawhai's walk.

$$(30 \times x) + (10 \times 0) + (20 \times x) = y$$

b) What does **y** stand for?

_____

c) What does **x** stand for?

_____

d) What part of the trip does (10 × 0) represent?

_____

e) Atawhai's walking pace was a steady 50 metres per minute, how far was it to River's house?

_____