First Name: .....
Last Name: .....
Class: .....

Version A
Duration: 30 minutes
Total: 10 points
The use of a calculator is permitted.
The use of rough work paper is strongly recommended.
Answers must be written on a separate answer sheet.

Exercise 1: **... / 10 points**

Context: A walker uses his watch to find that he walks 2 km in 30 minutes and 20 km in 5 hours.

Questions:

1. Is this situation a **proportional relationship** between distance and time?
   Justify your answer. (2 points)

2. Draw and then fill in a **table of proportionality** for this situation. (2 points)

3. Using the table, find the time needed to walk 1 km at the same speed.
   Show your calculations. (1 point)

4. Using the table, find the distance walked in 2 hours at the same speed.
   Show your calculations. (1 point)

5. Find the time needed to walk 20 km at the same speed.
   You will have to use the **cross product method**.
   Show your calculations. (3 points)

Reminders:
Use the **table of proportionality**.
Check the **constant of proportionality**.
1 hour = 60 minutes.
Write a **full sentence** for each answer.

First Name: .....
Last Name: .....
Class: .....

Version B
Duration: 30 minutes
Total: 10 points
The use of a calculator is permitted.
The use of rough work paper is strongly recommended.
Answers must be written on a separate answer sheet.

Exercise 1: **... / 10 points**

Context: A walker uses his watch to find that he walks 2 km in 30 minutes and 20 km in 5 hours.

Questions:

1. Is this situation a **proportional relationship** between distance and time?
   Justify your answer. (3 points)

2. Find the time needed to walk 1 km at the same speed.
   Show your calculations. (2 points)

3. Find the distance walked in 2 hours at the same speed.
   Show your calculations. (2 points)

4. Find the time needed to walk 20 km at the same speed.
   You will have to use the **cross product method**.
   Show your calculations. (3 points)