MATHS·SCHOOL

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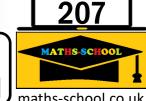
Name:

Find the **maximum** percentage error of the following rounded numbers (Give your answer to 2 decimal places):

a) 48cm to the nearest cm

b) 5cm to the nearest cm

c) 35cm to the nearest cm

d) 80cm to the nearest 10cm

e) 600m to the nearest 100m

f) 4.2 to 1 decimal place

g) 46 to 2 significant figures

h) 2.58 to 2 decimal places

i) 0.8 to 1 significant figure

j) The height of a building is 48m to the nearest 2m

k) A thermometer is 16° to the nearest 0.5°

l) A town's population is 86,000 to the nearest thousand

m) Stadium attendance is 25,400 to the nearest 100

Exam question

According to a report, the average home attendance of Burnley Football club in 2021/2022 was 19,000 to the nearest thousand.

What is the maximum percentage error of this reported figure?
Give your answer to 1 decimal place