Rounding to the nearest 10 or 100 − Tommy

Objectives

The relevant framework objective is:

- round any positive integer less than 1000 to the nearest 10 or 100.

Activity description

Pupils tried to make as many two−digit and three−digit numbers as possible from 8, 4 and 7.

Next they had to round the numbers to the nearest 10 and 100.

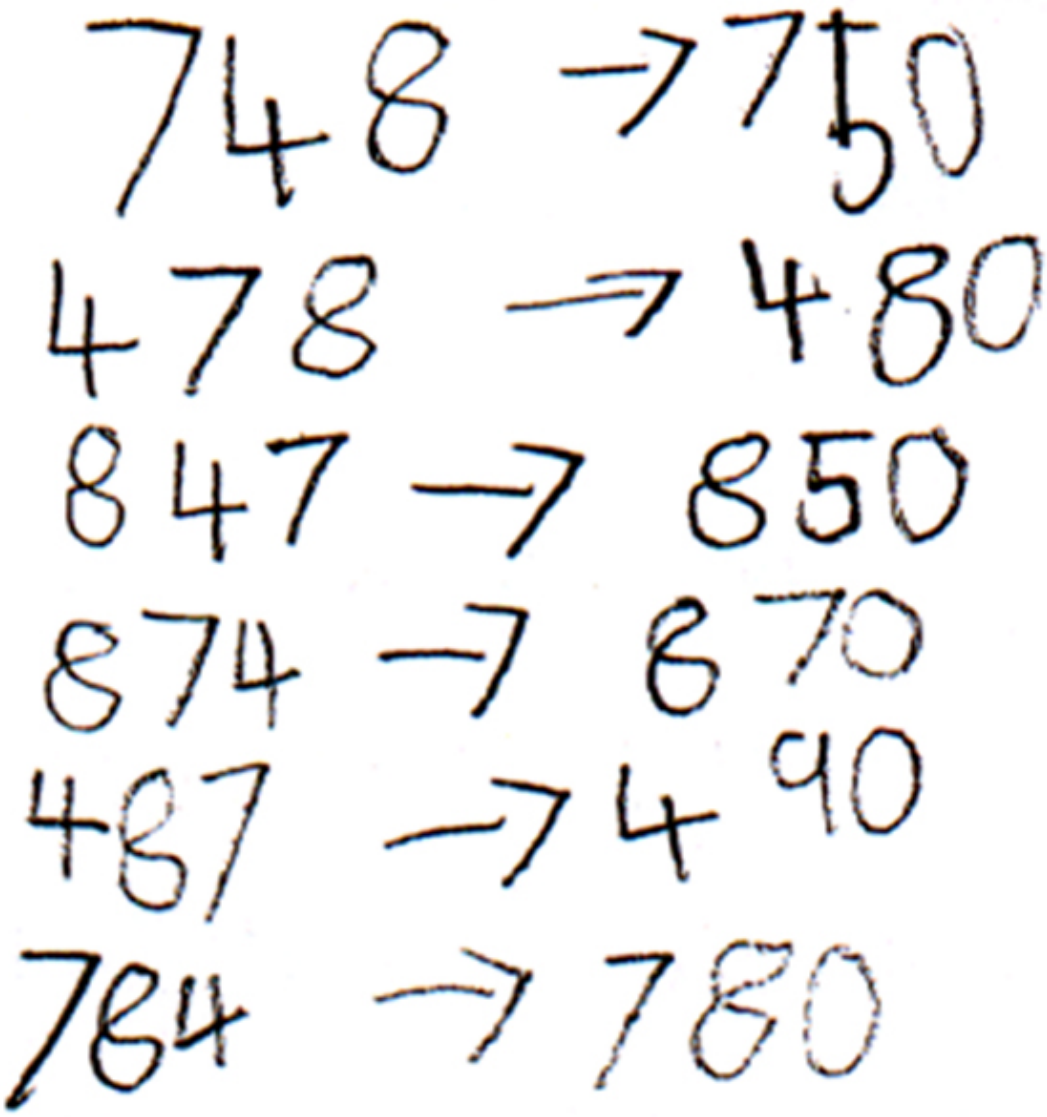
Commentary

Tommy's work demonstrates his understanding of rounding, both up and down, to the nearest 10 and to the nearest 100 for three−digit numbers. He has recorded his work in an organised way and has also demonstrated his understanding in a discussion with the teacher.

This work is typical of performance at level 3 in Ma2.

Items of work

Tommy's work when rounding three−digit numbers to the nearest ten



Dialogue between Tommy and his teacher about rounding to the nearest ten

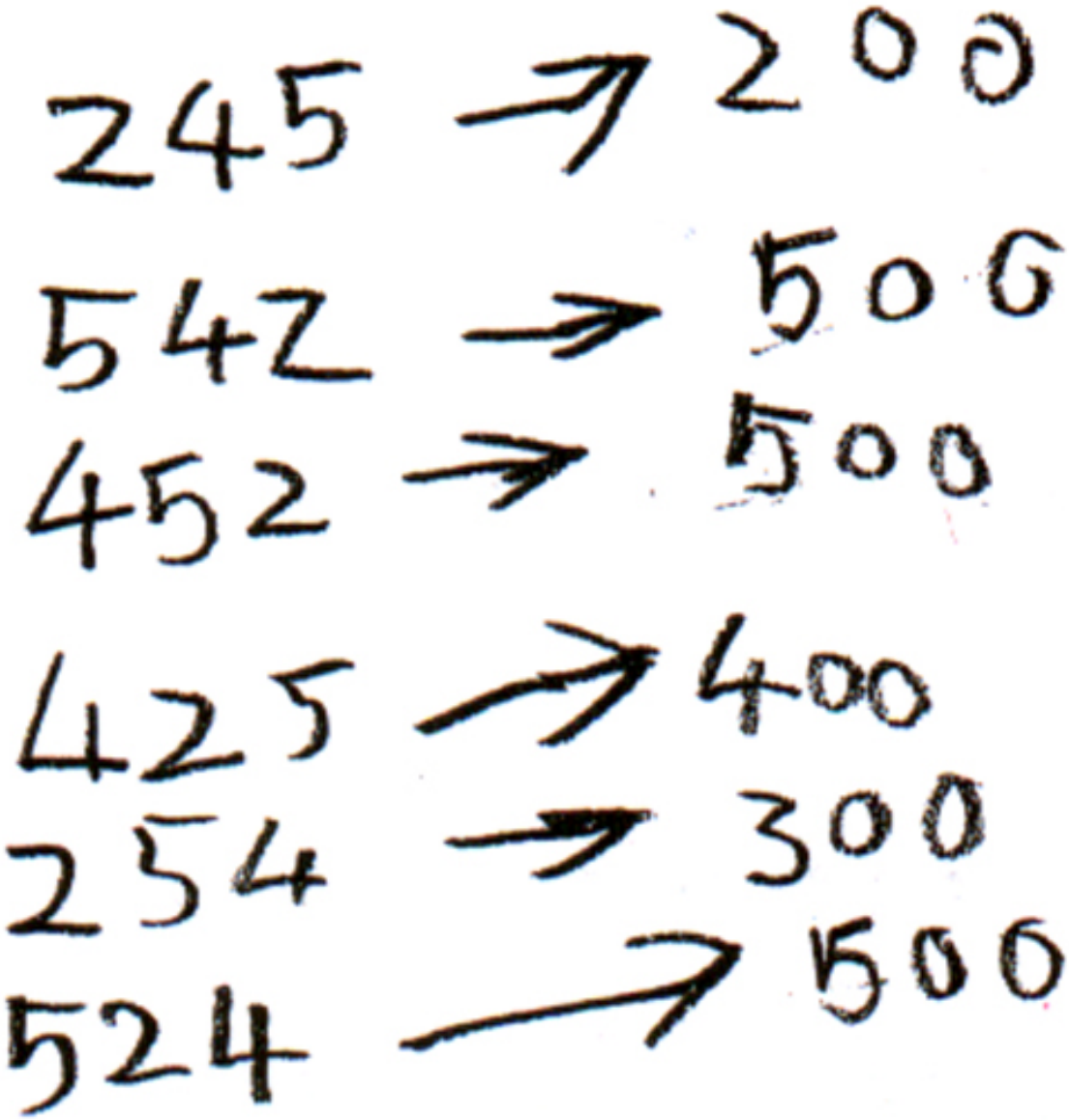
Teacher: 'Why do you round 874 to 870?'

Tommy: 'Because it's less than 875.'

Teacher: 'Why is 875 important?'

Tommy: 'It's halfway.'

Tommy's work when rounding three−digit numbers to nearest 100



About this entry

Subject:	mathematics
Year:	4
Key stage:	2
NC programme of study:	Ma2p2c
Attainment target:	Ma2
Evidence for:	level 3

Framework for teaching mathematics − objectives:

- Round any positive integer less than 1000 to the nearest 10 or 100.