

Rounding to 10, 100 and 1,000

Reasoning and Problem Solving



My number rounded to the nearest 10 is 1,150
Rounded to the nearest 100 it is 1,200
Rounded to the nearest 1,000 it is 1,000



Jack

What could Jack's number be?

Can you find all of the possibilities?

2,567 to the nearest 100 is 2,500



Whitney

Do you agree with Whitney?
Explain why.

Teddy



4,725 to the nearest 1,000 is 5,025

Explain the mistake Teddy has made.

Round within Ten Million

Reasoning and Problem Solving

My number is 1,350
when rounded to the
nearest 10



Mo



My number is 1,400
when rounded to the
nearest 100

Rosie

Both numbers are whole numbers.

What is the greatest possible difference
between the two numbers?

Whitney rounded 2,215,678 to the
nearest million and wrote 2,215,000

Can you explain to Whitney what mistake
she has made?

Miss Grogan gives out four number
cards.

15,987

15,813

15,101

16,101

Four children each have a card and give a
clue to what their number is.

Tommy says, “My number rounds to
16,000 to the nearest 1,000”

Alex says, “My number has one hundred.”

Jack says, “My number is 15,990 when
rounded to the nearest 10”

Dora says, “My number is 15,000 when
rounded to the nearest 1,000”

Can you work out which child has which
card?

