

1. Safiyah writes down three different square numbers.

She adds together her three numbers.

Her answer is greater than 40 but less than 50.

Find three numbers that Safiyah could have written down.

1.

2. Tommie writes down three different numbers.

one of the numbers is both a cube number and a square number

and one of the numbers is only a square number

and one of the numbers is only a cube number.

The sum of these three numbers is 53.

Find the three numbers that Tommie wrote down.

2.

3. Sinead writes down

one multiple of 5

and two different factors of 28.

She adds together her three numbers.

Her answer is greater than 40 but less than 50.

Find three numbers that Sinead could have written down.

3.

Answers 1) 1, 4, 36 OR 1, 9, 36 OR 4, 9, 36 2) 1, 25, 27 3) many possible answers