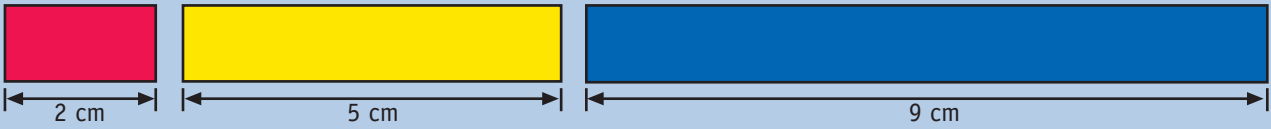


Using Your Head

Problem One

You have these three Cuisenaire rods:



- In what ways can you use these rods to measure a length of 6 centimetres?
- What other lengths can you make by arranging these rods in various ways?

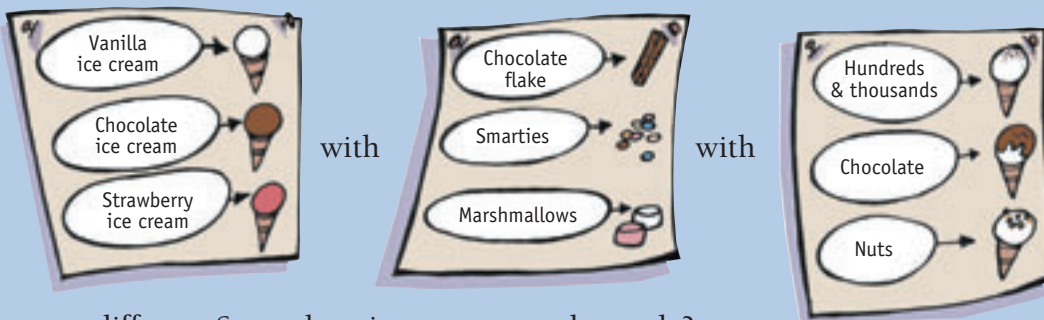
Problem Two

- Without using your calculator, find the remaining answers:
 - $3 \times 37\ 037 = 111\ 111$
 - $6 \times 37\ 037 = 222\ 222$
 - $9 \times 37\ 037 = \square$
 - $12 \times 37\ 037 = \square$
- What number multiplied by 37 037 equals 777 777?
- Discuss with a classmate how you worked out your answers.



Problem Three

At Sam's ice cream parlour, you have these choices when ordering a Superslurp ice cream:



How many different Superslurp ice creams can be made?

Problem Four

The Tuitown daily newspaper costs 80 cents per issue on weekdays and 90 cents on Saturdays. The Sunday paper costs \$1.50.

If 3 September is on a Saturday and if you buy a newspaper every day, what will be the total cost of your newspapers that month?

