

28.1.21

MLJ is to subtract decimals using formal written methods 😊 😐 ? (Year 6)

When we add and subtract decimals we follow the same rules we use when working with whole numbers. We need to make sure we line up each place value and decimal point:

	T	O	t
	3	1	3
-	1	7	2
	2	6	1

1. Calculate these using column subtraction

a. $736.61 - 37.265 =$

b. $2756.7 - 26.08 =$

c. $386.631 - 187.47 =$

RED HOT CHALLENGE:

1. During a launch at the Kennedy Space Centre, a crowd has to be at least 332.56m from the launch pad. Due to new rules, this has now changed; they now need to be at least 297.7m from the launch pad. How much further is this?

Estimate by rounding first.

2. Neil Armstrong's body temperature was 37.9°C . When he stepped on the moon this dropped by 3.23°C . It then dropped a further 3.38°C when he stepped in the shadow. What was his body temperature when he was in the shadow?

3. During a launch at the Kennedy Space centre, a crowd has to be at least 332.82m from the launch pad. Due to new rules, this has now changed; they now need to be at least 397.9m from the launch pad. During the latest launch NASA moved the crowd back another 10.23m due to wind. How far back were they standing?