

Open -ended question

I picked up a handful of Smarties. One-third of them were red. What might a drawing of the Smarties look like?

Questions to prompt

What do you know about thirds?

What if half were red?

What if I give you 3 circles, can you show me a third?

What does one third look like

Can you share these Smarties 3 ways?

What if you had a set number of Smarties e.g. 9?

What if you had 4 red, what would the other number be?

What if there were 6 Smarties in a handful? How would you work out a third? (concrete materials)

What do you know about a third?

What if you had 3 Smarties?

What if you had 9 Smarties?

What if you had 3 red Smarties?

What if we used MAB or coloured counters to show

What if I told you that altogether we had 15 Smarties?

Questions to extend

What if our hand was bigger?

What if my number is not a multiple of 3?

What problems might you encounter?

What if you have at least one of all colours?

What if you took a larger handful of Smarties?

What if you had 50 in your hand, could a third be red?

What if you gave all the red Smarties to your favourite teacher?

What if you have 2 handfuls?

What if we had one-third red and one-fourth of another colour?

What if you had one-sixth?

From your handful, what fraction is each colour?

Express in decimal form

What if Annette adds her handful to your handful?

What if we open another packet?

What if we eat some Smarties?

What if everyone in the whole grade put their Smarties together?

What if we take out all of the yellow ones?

What if we had 13 Smarties to begin with?

What if one third were red, and another 6 of them were green. What might the drawing now look like?

What if we had 12 Smarties to begin with and two-thirds were red? What would a drawing of the Smarties look like?

What if we had 12, one-third were red, we ate one-third (not red). What fraction is red now?