

Balloon Booths: Hints and Answer Checks

Hint 1:

Try all three balloon booths by clicking on the button in front of the 1 or 2 or 3 at the top of the applet.

Hint 2:

What happens when you increase the [numerator](#) of the scaling fraction?

Hint 3:

What happens when you increase the [denominator](#) of the scaling fraction?

Hint 4:

Did you try finding a [common denominator](#)?

Answer Check 1:

In Booth 1 if you use $\frac{2}{3}$ the balloon will pop. Fractions with very similar values may also work.

Answer Check 2:

In Booth 2 if you use $\frac{3}{8}$ the balloon will pop. Fractions with very similar values may also work. In Booth 3 if you use $\frac{5}{2}$ the balloon will pop. Fractions with very similar values may also work.

Answer Check 3:

One method is to find a common denominator and consider what is between the two fractions. For example you could use $\frac{18}{12}$ and $\frac{20}{12}$ and the fraction in between is $\frac{19}{12}$.