Task 1

As a group, watch this video very carefully. Here, we show two different ways to write the expression $\frac{3}{\sqrt{8}}$ in simple radical form.

Write each expression here in simple radical form.

$$\frac{2}{\sqrt{6}}$$

$$\frac{5}{\sqrt{3}}$$

$$\frac{10}{\sqrt{8}}$$

Task 2

As a group, watch this video very carefully. Here, we show two different ways to write the expression $\sqrt{\frac{5}{8}}$ in simple radical form.

Write each expression here in simple radical form.

$$\frac{\sqrt{3}}{\sqrt{5}}$$

$$\sqrt{\frac{8}{3}}$$

$$\sqrt{\frac{5}{4}}$$

Task 3

What criteria does an expression need to meet in order for it to be written in *simple radical form*? List them on your vertical surface.

Be sure to use the terms ***perfect square*** and ***denominator*** at least once in your explanation.