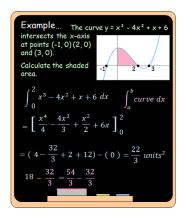
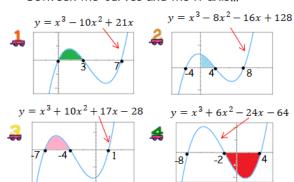
Outcome 1 - Between a curve and the x-axis

Bronze example



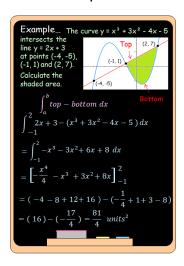
Bronze questions

Calculate the following shaded areas between the curves and the x-axis...



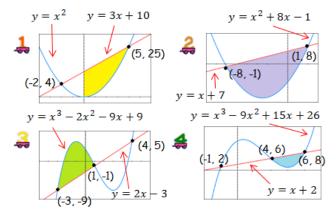
Outcome 2 - Between a line and a curve

Silver example



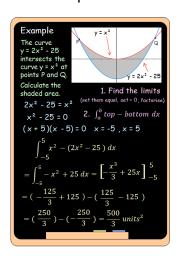
Silver questions

Calculate the following shaded areas between the curves and the lines...



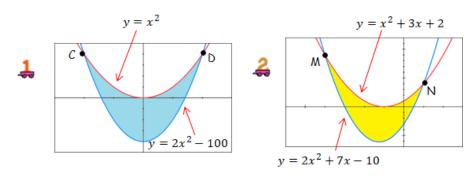
Outcome 3 - Between 2 curves

Gold example



Gold questions

Calculate the following shaded areas between the curves...



Bronze Answers



$$\frac{2}{3}$$
 units ²

$$\frac{117}{4}$$
 units ²

Silver Answers

$$\frac{275}{6}$$
 units²

$$\frac{243}{2}$$
 units²

$$\frac{160}{3}$$
 units²

Gold Answers

$$\frac{4000}{3} \text{ units}^2$$

$$\frac{256}{3}$$
 units²