

17th February



Corbettmaths

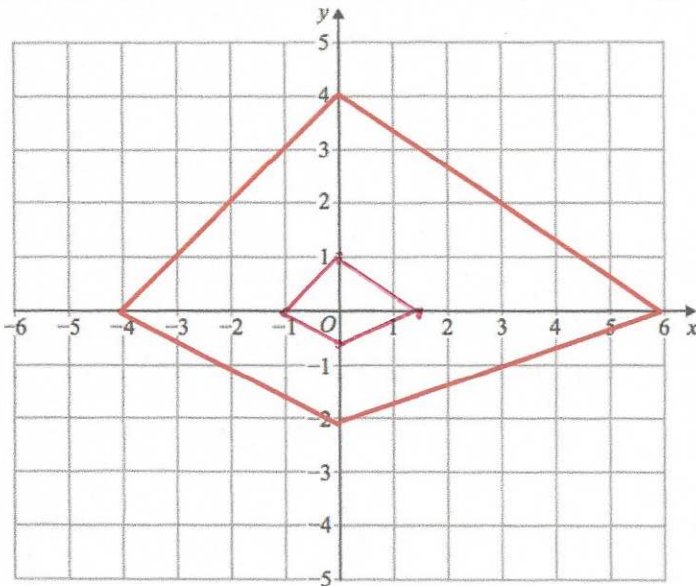
Mollie has £250 in her bank account to the nearest ten pounds.

What is the smallest amount she could have?

£245

What is the largest amount she could have?

£254.99



Enlarge the quadrilateral by scale factor $\frac{1}{4}$ with centre of enlargement (0,0)

In a sale, normal prices are reduced by 25%.

The sale price of a calculator is £8.82

$$75\% = 8.82$$

$$1\% = 0.1176$$

Calculate the normal price of the calculator.

£11.76

Solve these simultaneous equations

$$6x + 2y = 14 \quad \times 5$$

$$3x - 5y = 10 \quad \times 2$$

$$30x + 10y = 70$$

$$6x - 10y = 20$$

$$\hline 36x = 90 \quad x = 2.5$$

$$15 + 2y = 14$$

$$2y = -1$$

$$y = -\frac{1}{2} \text{ or } -0.5$$

$$x = 2.5 \text{ and } y = -0.5$$