

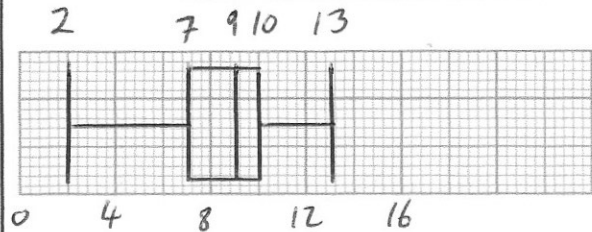


Work out $125^{\frac{2}{3}}$

$$\sqrt[3]{125} = 5$$

$$5^2 = 25$$

Lowest Value	2
Lower Quartile	7
Median	9
Upper Quartile	10
Highest Value	13



Draw a box plot to show this information

£5200 is invested at 2.8% compound interest per annum.

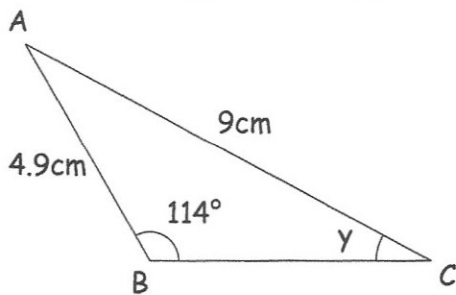
How many years will it take for the investment to exceed £7000.

11

$$5200 \times 1.028^y$$

$$10 \text{ years } \pounds 6853.80$$

$$11 \text{ years } \pounds 7045.70$$

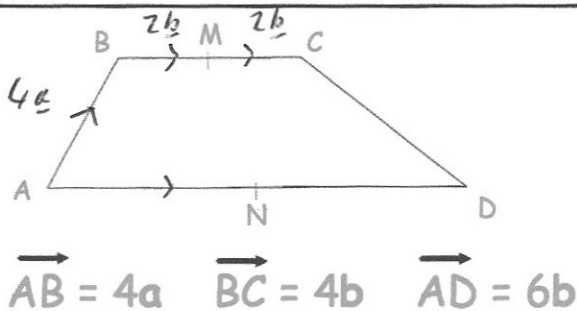


Find y

$$\frac{\sin y}{4.9} = \frac{\sin 114}{9}$$

$$\sin y = 0.4973\dots$$

$$y = 29.826^\circ$$



Find

\vec{CD}

$$\vec{CB} + \vec{BA} + \vec{AD}$$

$$-4b + (-4a) + 6b$$

$$2b - 4a$$