



5. Write the following in standard form

- (a) 213000
- (b) 0.0000067
- (c) 22×10^7

6. Estimate the following

(a) $\frac{718 \times 6.12}{0.191}$

(b) $\frac{6.92 \times 309}{0.503}$

7. A machine makes 54 car steering wheels every hour. The machine makes steering wheels $7\frac{1}{2}$ hours each day, on 6 days of the week. The steering wheels are packed into boxes. Each box holds 15 steering wheels. How many boxes will be required for all the steering wheels made each week?



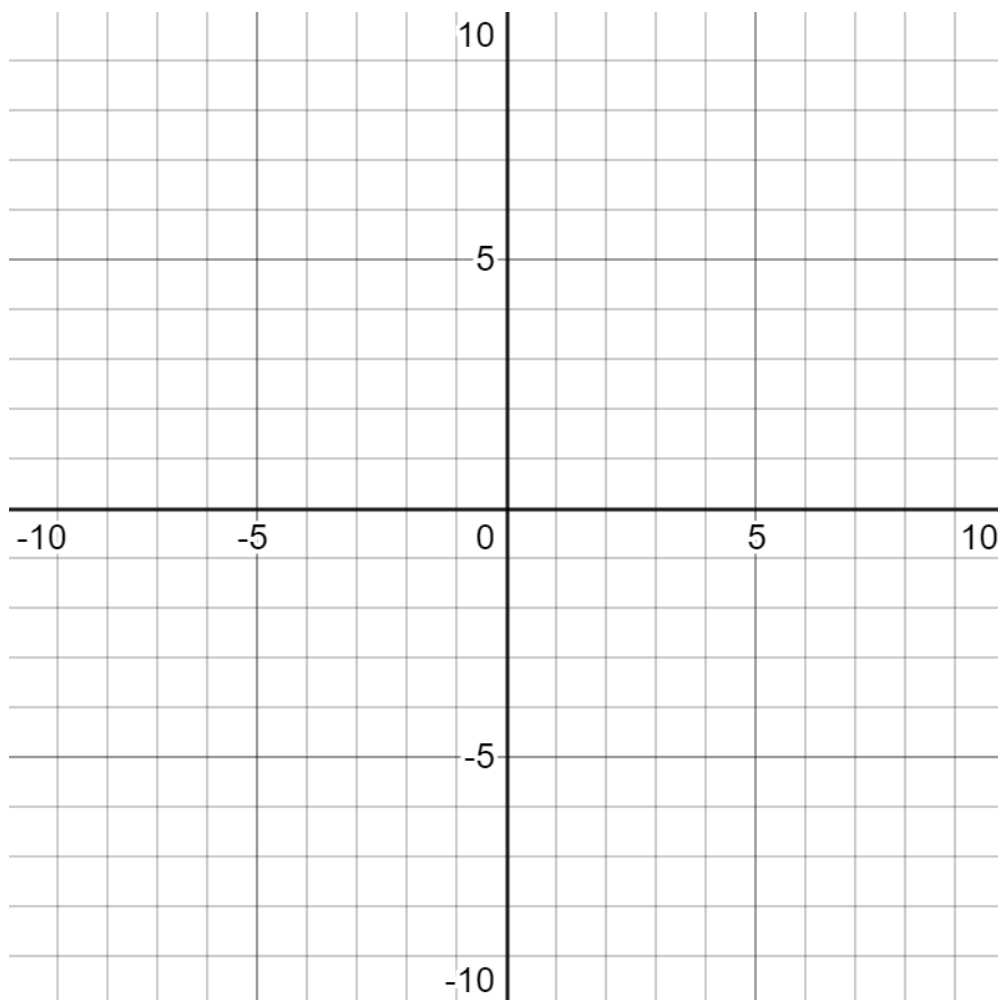
8. (a) Complete the table of values for $y = x^2 - x - 2$

x	-3	-2	-1	0	1	2	3
y			0		-2		

(b) On the grid, draw the graph $y = x^2 - x - 2$

(c) Use the graph to estimate the values of x when $y = 4$

(d) Use the graph to estimate the turning point of $y = x^2 - x - 2$





9. Find the equation of the straight line which passes through the points (3,2) and (5,6)

10. ABC is a triangle. Angle A is $(8x + 5)^\circ$, angle B is $(4x + 6)^\circ$ and angle C is $(5x - 1)^\circ$.

(a) Find the value of x

(b) Find the value of each angle of triangle ABC in degrees