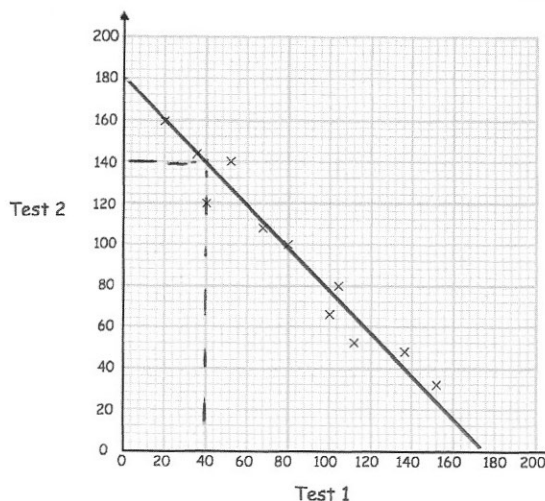




What type of correlation does this scatter graph show?

Negative



Henry scores 40 in test 2.

Estimate his score in test 1.

140

Solve  $32 + 2x = -x + 5$

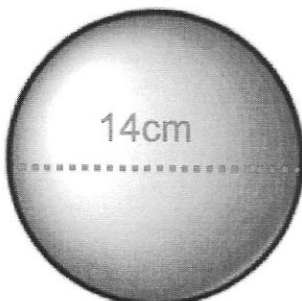
$$\begin{array}{r}
 +x \quad +x \\
 32 + 2x = 5 \\
 -32 \quad -32 \\
 \hline
 3x = -27 \\
 \div 3 \quad \div 3
 \end{array}$$

$$x = -9$$

Find the value of  $(2.19 \times 10^8) \times (3.52 \times 10^3)$

Give your answer in standard form.

$$7.7088 \times 10^{11}$$



A sphere has a diameter of 14cm.

Calculate the volume of the sphere.  
Give your answer to 1 decimal place.

$$\begin{aligned}
 & \frac{4}{3} \times \pi \times 7^3 \\
 & = 1436.8 \text{ cm}^3 \text{ to 1dp}
 \end{aligned}$$