

Digital SAT March 2026 Collected Math Questions

Q1)

$y=3x^2+bx+c$ has vertex $(-1,-8)$ and passes through $(0,-5)$ and $(-2,-5)$
find the product of "b" and "c" :

Q2)

$4x^2-px+w=-87$ has one solution, which of the following can't be the value of w.

Q3)

$y= a^x - b$

is a graph that intersects with points $(c,4)$ $(2c,114)$ what might be the value of b.

Q4)

① $x = \sqrt[2n]{5x^n + 50}$, $x^n = ?$

② $\frac{5}{\sqrt[6]{y-K}} - \sqrt[3]{y-K} = 0$

- $y > K$
- solution = 42
- $K = ?$

Q5)

Q6)

Math: Module 1 Question 22
Domain: Geometry And Trigonometry Subdomain: Triangles

In triangle JKL , the measure of angle J is $(90b)^\circ$, the measure of angle K is $(71a)^\circ$, and the measure of angle L is $(19a)^\circ$, where a and b are constants. Which of the following must be true?

(18a) (72a)

A $\cos L > \sin K$

B $\cos L = \sin K$

C $\cos L < \sin K$

D There is not enough information to compare the values of $\cos L$ and $\sin K$.

You answered: **B** Incorrect. Equality holds only in the special case $a = 1$ (so $K = 71^\circ$ and $L = 19^\circ$, giving $\cos L = \sin K$). But the problem doesn't force $a = 1$, so this is not always true. You are cooked bro if you pick B as universal.