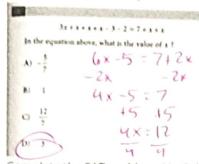
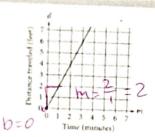
Heaven:

Geometry SAT10 Prep



Complete the SAT problem (No Calc)





The graph above shows the distance traveled d. in feet, by a product on a conveyor belt or minutes after the product is placed on the belt. Which of the following equations correctly relates d and m?

$$d = \frac{1}{2}m$$



Complete the SAT problem (No Calc)

3.

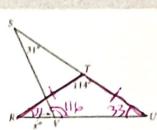
The formula below is often used by project managers to compute I, the estimated time to complete a job, where O is the shortest completion time, P is the longest completion time, and M is the most likely completion time.

Which of the following correctly gives P in terms o

DP=-6E+0+4M 6E=0+4M+P7.

6E-0-4M-P

Complete the SAT problem (No Calc)



In the figure above, RT = TU. What is the value of x?

180-31-37=116 X=180-116=64

Tosceles A 180-114=66 2

Complete the SAT problem (No Calc)

5.

The width of a rectangular dance floor is w feet. The length of the floor is 6 feet longer than its width. Which of the following expresses the perimeter, in feet, of the dance floor in terms of w

A)2w+6

4w + 12

 \bigcirc $w^2 + 6$

W + 6W

P= S+ S+ S+S

Complete the SAT problem (No Calc)

6.

Oil and gas production in a certain area dropped of from 4 million barrels in 2000 to 1.9 million barrels in 2013. Assuming that the oil and the first of the decreased at a constant rate, which of the following hinear functions f best models the production, in millions of barrels, t years after the year 2000?

(1) = 150 t+4 6 6 (4)

501 Ve for P $f(t) = -\frac{21}{130}t + 4$

Complete the SAT problem (No Calc

g(x) = 2x - 1h(x) = 1 - g(x)

The functions g and h are defined above. What is the value of h(0) ?

plug om for x m fund h(0) = 1 - (0) must find g(0) forst h(0) = 1 - (2(0) -1) > h(0) = 1 - (-1) h(0) = 1 - (0-1) (+1)

Complete the SAT problem (No Calc)

