No calculators

Put your final answers in the

Thurs. 2pm Sect. Score

Abril Meza Galindo

poxes provided on this page.

03-31-22

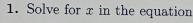
Scoring: A question is eigher completely correct (1 point) or wrong (0 points).

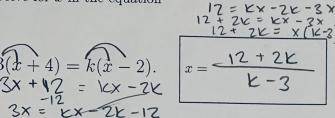
If you score under 4 on this test, you should consider dropping the class.

3x+12=kx-2k

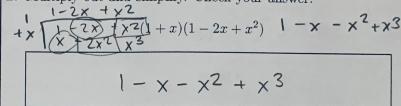
If you score 4–7, seek help NOW: maybe enroll in CLAS?

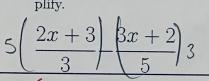
If you score 8–10, congratulations! You are ready for Math 34A.





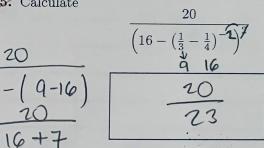
2. Multiply out and simplify. Check your answer.



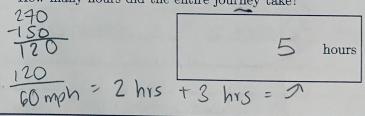


4. What is 25% of 4/3 of 12?

$$\frac{4}{3} \cdot 12 = \frac{48}{3} = 16$$
 $\frac{16}{4} = 4$



150 miles 6. A car travels at 50 mph for 3 hours and at 60 mph for the rest of the journey. The length of the journey is 270 miles. How many hours did the entire journey take?



7. Solve for x and y

3x - 5y = -2
$$3x - 5y = -2$$

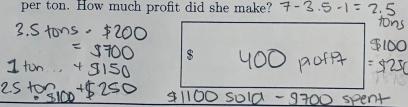
$$3(10-y) - 5y + y = 10$$

$$30 - 3y - 5y = -2$$

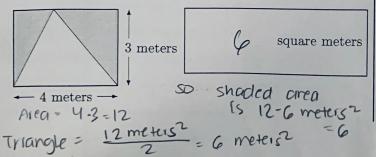
$$30 - 6y = -2$$

$$-30 - 6y = -3$$

8. An entrepreneur bought 7 tons of apples for \$100 per ton. She sold half the apples at a price of \$200 per ton. She sold another ton for \$150. The remainder she sold at \$100 per ton. How much profit did she make? 7-3.5-1=2.5



9. What is the area of the shaded region?



10. If I earn \$200,000 and pay \$80,000 in tax, what percentage of what I earn do I keep?

