

NAME $\qquad$ Date due: $\qquad$

##  (Hcc)

You must turn this in for a grade! ( 20 points)
NO CALCULATORS...you must show work to get credit and all fractions must be in lowest terms.

1) Compute $\frac{3}{5}+1 \frac{3}{6}$
2) Below is a list of the lengths of Bonnie's favorite songs. Find the average length of these songs:
4.4 min .
6.2 min .
1.9 min .
3.6 min .
2.7 min .
2.2 min .
3) Compute: $\quad-600-(-3,700)-\mathbf{1 0 0}$
4) Write the next three numbers and describe the pattern.
1.40924 .09210 .9214 $\qquad$
5) Round to the nearest hundred thousand.

## 60,974,326

6) What is nine and eight-tenths divided by three and five-tenths?
7) What is the value of the expression if $n=-10$.

$$
5 n^{2}+n-250
$$

a. -240
b. 240
c. -760
d. 760

Find the area of this figure.
8)

9) Write an equation with integers to represent this problem. Then solve your equation.

It was so cold last night that the stars froze! At midnight it was $14^{\circ}$ below. By 4:00 a.m. the temperature had dropped $12^{\circ}$ and by 5:00 a.m. it had dropped another $25^{\circ}$.
10) Find the area of the shaded region.


