

Name: \_\_\_\_\_ Date \_\_\_\_\_

## Using Measurements in Graphics

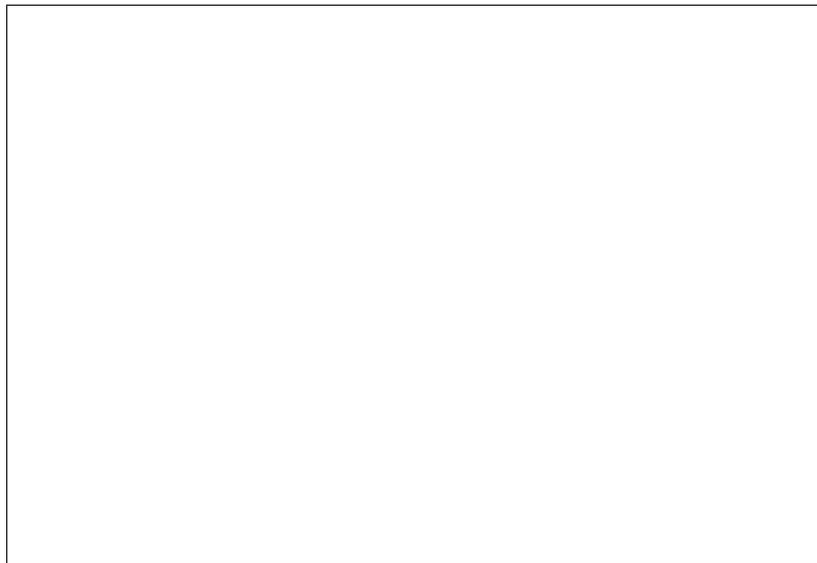
Measure the following line lengths, write the fraction and the decimal equivalent.

	Fraction	Decimal	
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____

9. A job is printing 11" wide and will be folded in to a trifold.

How wide should each of the 3 panels be if the page is folded into equal panels? \_\_\_\_\_

Below draw lines representing guides in a page layout program and write the location of the guide on the ruler. The "0" begins at the left-hand side of the page.



10. Subtract half inch from 3.25. \_\_\_\_\_
11. Add three-eighths to one-fourth. \_\_\_\_\_
12. Subtract one-eighth from three-eighths. \_\_\_\_\_
13. Divide three-quarters in half. \_\_\_\_\_
14. Which is larger,  $1/2$  or  $3/8$ ? \_\_\_\_\_
15. Which is larger  $3/4$  or  $.625$ ? \_\_\_\_\_

*For the problems below, it might be easier to draw a small representation on a sheet of paper so you can see what you are working with.*

16. The document is  $8 \frac{1}{2}$ " wide and the margins are set to  $\frac{3}{4}$ " on right and left. If a box is drawn inside the margins, how wide will the box be? \_\_\_\_\_
17. The document is  $8 \frac{1}{2}$ " wide and the margins are set to  $1 \frac{1}{4}$ " on right and left. If a box is drawn inside the margins, how wide will the box be? \_\_\_\_\_
18. **Given: 8.5" x 11" page with 1.5" margins on all four sides.**  
Figure the width of 3 boxes that will fit evenly between the margins of the page along with .25" between each box. How wide will the boxes be to fit between the margins? \_\_\_\_\_
19. **Given: 8.5" x 11" page with .5" margins on all four sides.**  
A printer has a job that requires him to print 500 business cards for his client. Business cards are 3.5" x 2". Figure out how many business cards can be positioned on one sheet of paper without overlapping. Then figure how many sheets of paper is required to produce 500 business cards.  
How many can fit on one page? \_\_\_\_\_  
How many sheets of paper are needed to produce 500 business cards? \_\_\_\_\_
20. **Given: 8.5" x 11" page with .5" margins on all four sides.**  
Figure the height of 5 boxes that will fit evenly between the margins of the page along with .375" between each box. How tall will the boxes be to fit between the margins? \_\_\_\_\_