

Name: _____ Date _____

Using Measurements in Graphics

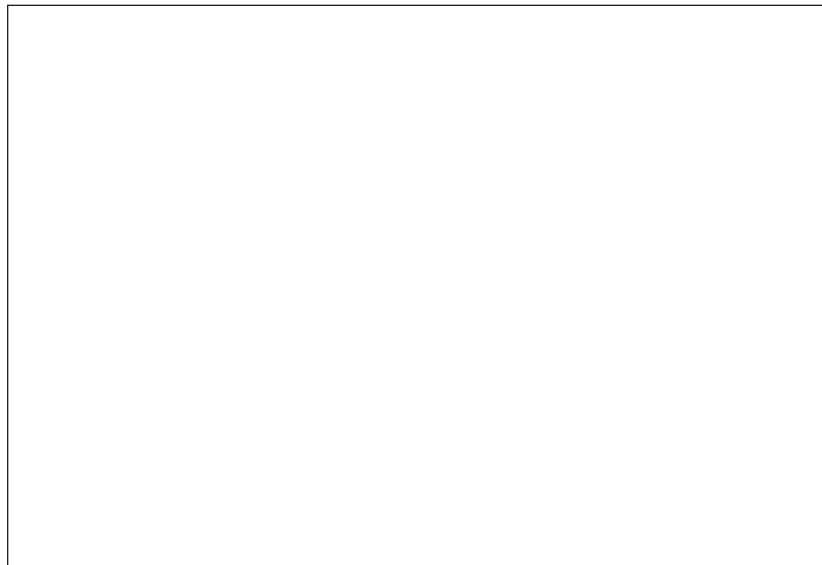
Measure the following line lengths, write the fraction and the decimal equivalent.

	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, $\frac{1}{2}$ or $\frac{3}{8}$? _____
15. Which is larger $\frac{3}{4}$ 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? _____