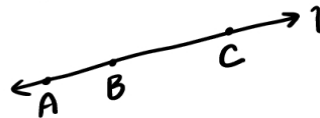## Geometry Homework Worksheets: Chapter 1
Make sure to show all of your work!

HW#1: Problems #1 – 8

For #1-4, choose the best answer for each multiple choice question.

1. Identify an example of an undefined term:
A. a point
B. collinear points
C. non-collinear points
D. coplanar points
E. non-coplanar points

2. All of the following are correct names for the line *except:*
A. l
B. $\overleftrightarrow{AB}$
C. $\overleftrightarrow{BA}$
D. $\overrightarrow{A}$
E. $\overrightarrow{AC}$

3. The ceiling of our classroom is an example of a:
A. point
B. line
C. plane
D. defined term
E. none of the above

4. The meeting place of two geometric objects is called:
A. a point
B. a line
C. a plane
D. collinear
E.   an intersection

For #5 – 8, simplify each expression. Leave your answers as reduced fractions.

5. $3\dfrac{2}{5} \div 3\dfrac{1}{4}$

6. $-2\dfrac{2}{3} - 6\dfrac{1}{5}$

7. $8\dfrac{4}{9} + 7\dfrac{1}{4}$

8. $-6\dfrac{4}{5} \cdot 9\dfrac{3}{4}$