



[3] Write a proportion to solve each of the following problems, involving use of the **metric-standard conversions** at right. Show all work to solve each proportion in the correct format.

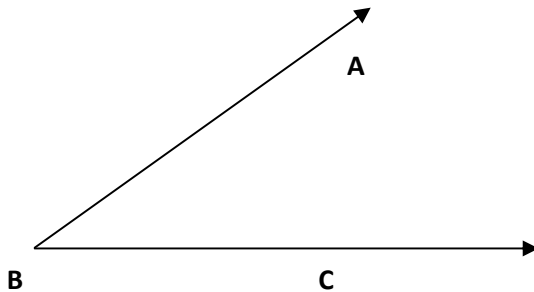
1 mile	= 1.6 km
1 liter	= 33.8 fl. oz.
1 kg	= 2.2 pounds
1 ounce	= 28 grams

[3a] Mike can bench press 135 pounds, while Corey can bench press 65 kg. Which of these boys can bench press more weight?

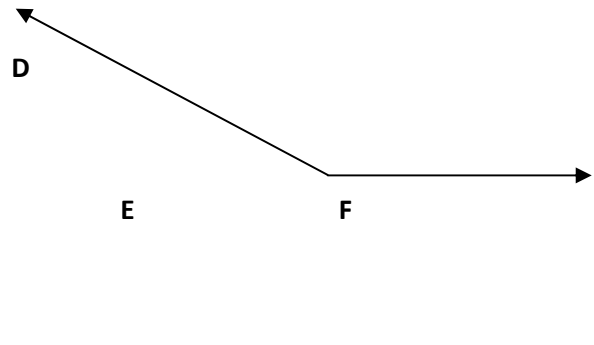
[3b] Driving through Toronto, Diane sees a traffic sign that says "Speed Limit  $45 \text{ km/hr}$ ". What is the maximum speed in miles per hour that she could LEGALLY drive at?

[4] Use your **protractor** to measure and classify each of the following angles.

[4a]



[4b]



[5] Use your knowledge of the **metric system** to help you answer the following.

[5a] Masking tape is sold in 150 meter rolls. Daniela uses four 12 cm pieces to hang up each flyer in the hallway. How many flyers could Daniela hang up using one full roll of tape?

[5b] Ms. Dean has a 5 liter bottle of sulfuric acid, which she needs to pour into 150 ml glass jars. How many jars would be needed to empty the entire 5 liter bottle?