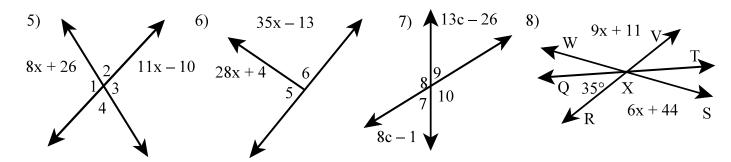
## Geometry Development 5.2 Geometry

During a movie Colin reaches into a bag of M&Ms and takes a single M&M. The bag of M&Ms contains 20 reds, 16 greens, 26 browns, and 34 yellows. Give the answer as a fraction, a decimal, and a percentage.
1) What is the probability the M&M is red?
2) What is the probability the M&M is brown?

3) What is the probability the M&M is yellow?

4) What is the probability the M&M is green?

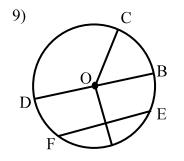
Find the measures of all of the angles.

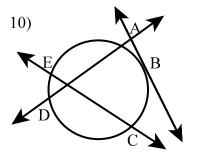


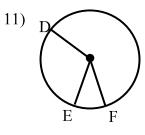
Identify radii, chords, and diameters.

Identify tangents and secants.

Identify major and minor arcs and semi-circles.





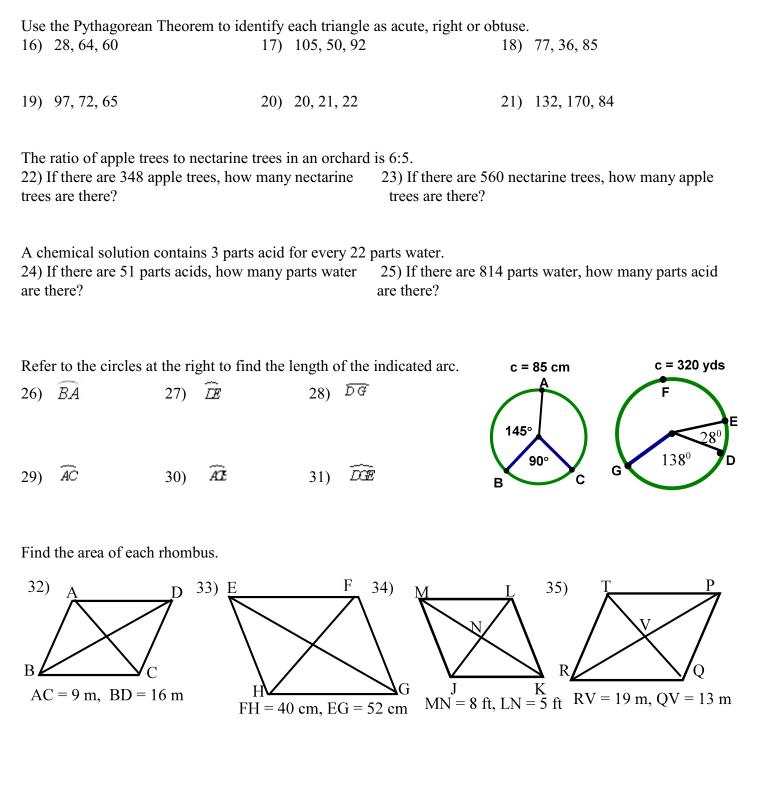


Given one measure in a circle, find the missing measures. (If missing, give circumference in both forms.) 12) r = 13 r = 14 r = 15 r =

d = d = d = d =

 $C = C = 123 \text{ mi} \qquad C = 77\pi \text{ km} \qquad C =$ 

$$A = 3117 \text{ mm}^2$$
  $A =$   $A =$   $A = 1444\pi \text{ ft}^2$ 



Find the surface area and volume of each figure.

