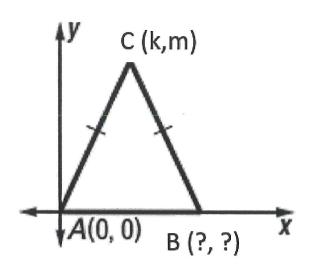
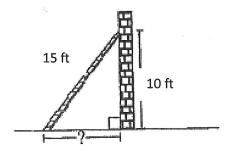
## **Triangle Review FAQ**

1. Find the missing coordinates of each triangle.

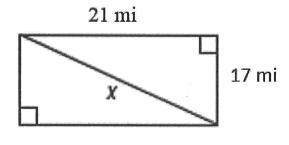


2. Classify the triangle by its sides and angles given the two angle measure are  $12^{\circ}$  and  $84^{\circ}$ .

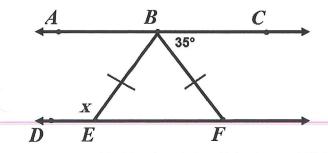
3. A ladder is 15ft long and reaches 10 feet up a wall, as shown in the picture. How many feet is the bottom of the base of the wall?



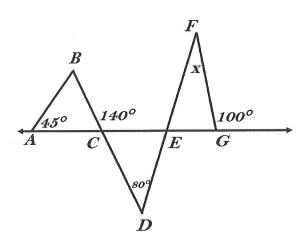
4. Find the value of x.



5. In the figure below, B is on  $\overline{AC}$ , E is on  $\overline{DF}$ ,  $\overline{AC}$  is parallel to  $\overline{DF}$ , and  $\overline{BE}$  is congruent to  $\overline{BF}$ . What is the measure of <DEB?



6. In the figure below, points A, C, E and G are collinear; B, C, D are collinear; and D, E, F are collinear. Angle measures are as marked and m < D is  $80^{\circ}$ . What is the measure of <EFG?

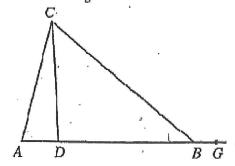


e.

7. Which of the following give 2 of the 3 interior angle measures of a TRIANGLE for which the 3rd angle measurement would be equal to one of the two given angles.

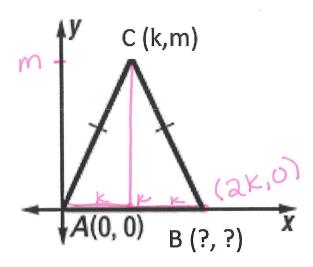
- a. 20, 20°, 40°
- d. 45, 45°, 120°
- b. 40, 40°, 100°
- 50, 50°, 60°
- c. 30, 30°, 6

8. In the figure, A,D, B and G are collinear. If <CAD measures 76°, <BCD measures 47°, and <CBG measures 140°, what is the degree measure of <ACD?

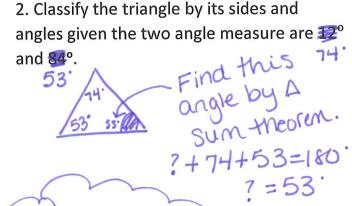


## **Triangle Review FAQ**

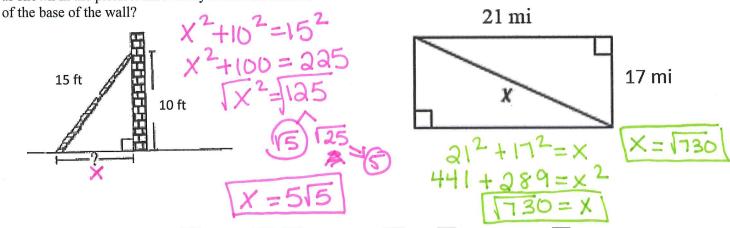
1. Find the missing coordinates of each triangle.



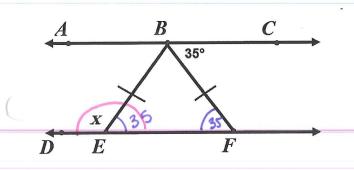
3. A ladder is 15ft long and reaches 10 feet up a wall, as shown in the picture. How many feet is the bottom



This A is isosceles because base as of isoscilese

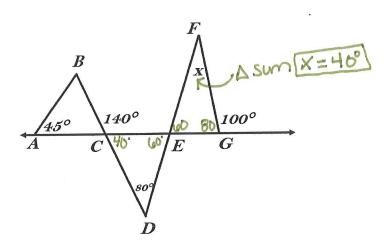


5. In the figure below, B is on  $\overline{AC}$ , E is on  $\overline{DF}$ ,  $\overline{AC}$  is parallel to  $\overline{DF}$ , and  $\overline{BE}$  is congruent to  $\overline{BF}$ . What is the measure of <DEB?



$$X+35=180$$
 linear pairs  $X=145^{\circ}$  are suppl.

6. In the figure below, points A, C, E and G are collinear; B, C, D are collinear; and D, E, F are collinear. Angle measures are as marked and m< D is 80°. What is the measure of <EFG?



7. Which of the following give 2 of the 3 interior angle measures of a TRIANGLE for which the 3rd angle measurement would be equal to one of the two given angles. 20+20+40 7 180

20, 20°, 40°

45, 45°, 120°

40, 40°, 100°

50, 50°, 60°

30, 30°, 6

40+40+100=180 30+30+6 \$180 45+45+120 \$180 50+50+60 \$180

8. In the figure, A,D, B and G are collinear. If <CAD measures 76°, <BCD measures 47°, and <CBG measures 140°, what is the degree measure of <ACD?

