# Monday, April 22, 2019

$$\sin \theta = \frac{opp}{hyp}$$

- Warm-up
  - A kite has a string 400 ft. long.  If the string makes an angle of 42°
    with the ground, find the height of the kite to the nearest foot.

$$400 \sin(42) = \frac{h}{400} \cdot 400$$

$$267.65 = h$$
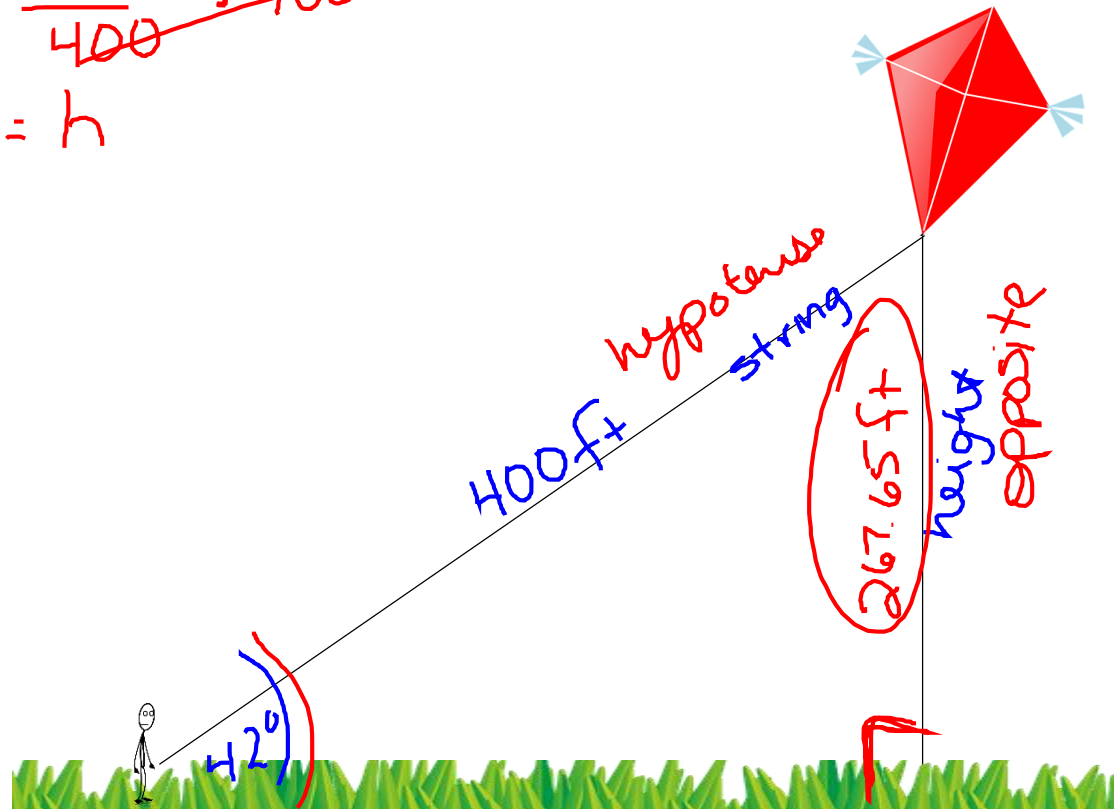
- Practice
  - Worksheet

- QUIZ

**Objectives**

**Content**: I will <u>apply</u> **right triangle** trigonometry to calculate missing **angles** and **sides**.

**Social**: I will <u>help</u> those around me who do not understand.

**Language**: I will <u>apply</u> my definitions of **trigonometry functions** in practice problems.

hypotenuse

string

400ft

height

opposite

267.65 ft

42°

# Practice

1-5 required ☆
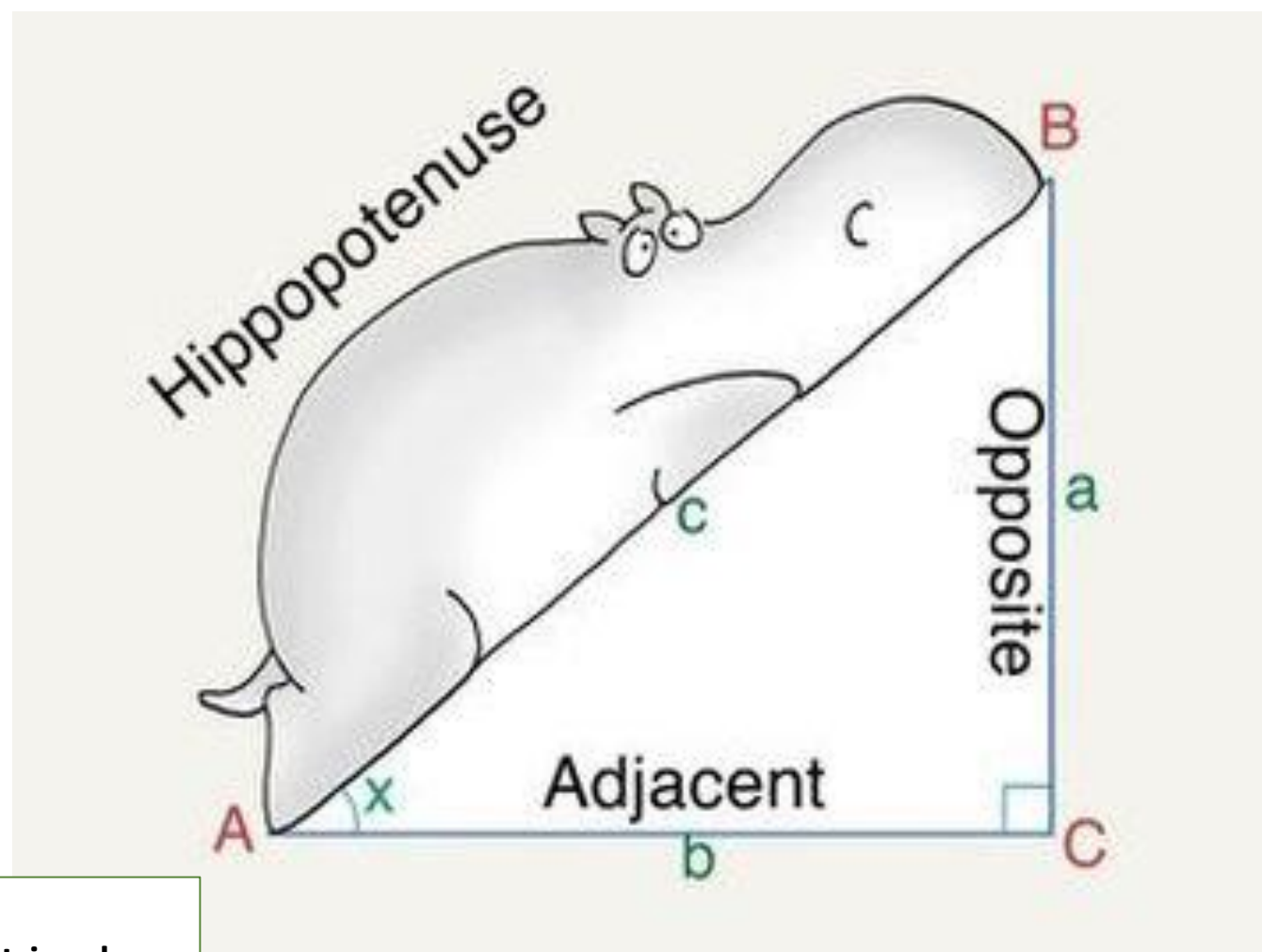draw your own △

6-10
bonus pt



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# Quiz