

Objectives

****Remember, I am in the math lab (341) after school today!**

Students will be able to use their knowledge of similarity, trigonometric ratios, and polygons in order to study for their midterm.

Students will be able to correct their mistakes from their test.

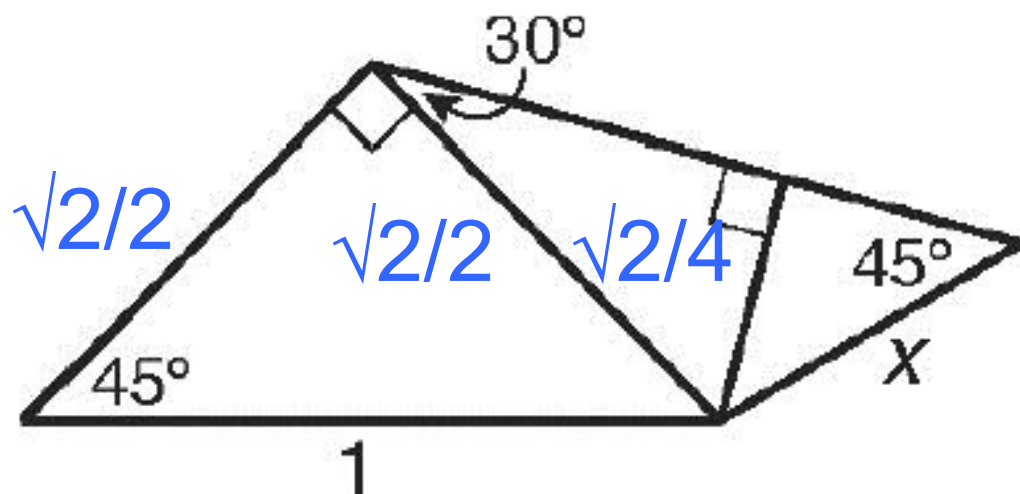
Written Portion of Midterm is tomorrow!-

BRING CALCULATOR

**Multiple Choice Portion of Midterm is on
Thursday, March 30th**

Rough drafts of data is due on Monday, April 3rd!

22. Solve for x.



$$1 = a\sqrt{2}$$

$$a = 1/\sqrt{2}$$

$$a = \sqrt{2}/2$$

$$\sqrt{2}/2 = 2b$$

$$b = \sqrt{2}/4$$

$$\sqrt{2}/4 = c$$

$$\sqrt{2}/4 = c\sqrt{2} = x$$

$$(\sqrt{2}/4)(1/\sqrt{2}) = c = x$$

$$1/4 = x$$

$$x = 1/4$$

From previous quiz...

In Star Wars: The Force Awakens, BB-8 travels a great distance to finally reunite with his master again. In the galaxy, BB-8 traveled 8 miles north and 3 miles west on Jakku, he then traveled 2 miles north and 1 mile west on Takodana, and lastly he traveled 3 miles north and 4 miles west on D'Qar to get to the Resistance base. If BB-8 were to fly in hyperspace from his starting location in Jakku directly to his master at the Resistance base, about how many miles of travel would he have **saved** himself?