

Math 9



Properties of Chords in a Circle

Warm-up: Plickers

Apr 17-9:36 PM

Math 9



Properties of Chords in a Circle

May 27, 2012

May 26, 2014

May 25, 2015

May 16, 2019

Mini Lesson #3:

TASK 1, 2 and 3

Apr 17-8:11 PM

24.5cm

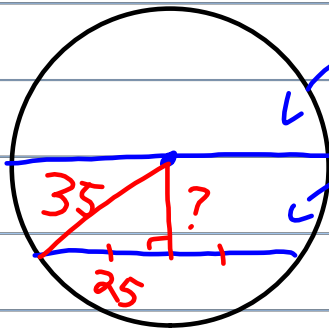
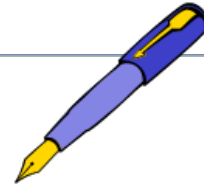
Practice 3

A circle has diameter 70 cm.

A chord in the circle is 50 cm long.

How far is the chord from the centre of the circle?

Give the answer to the nearest tenth of a centimetre.



70cm
chord 50cm

$$35^2 - 25^2 = ?^2$$
$$\sqrt{600} = ?$$
$$? = 24.5\text{cm}$$

Feb 13-4:41 PM