

MTH 202 - Quiz 2

18 September 2015

Name: _____

Show all your work to receive full credit on the following problems; carefully organize your solutions so that the work is clear. No calculators or other electronic devices are allowed on this quiz.

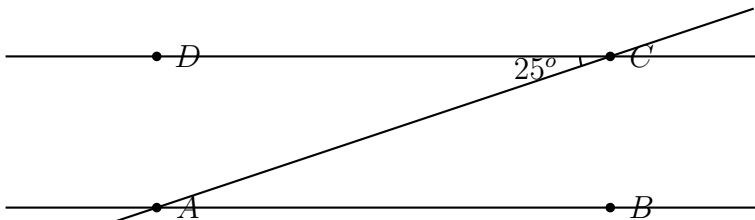
1. ($4 + 4 + 4 = 12$ points) For each of the following times of day, sketch a clock face showing that time and find the measure (in degrees) of the angle formed by the hour and minute hands. (Remember that the hour hand moves 30 degrees per hour)

(a) 7:20

(b) 9:30

(c) 3:00

2. (3 points) Fill in the measures of $\angle A$, $\angle B$ and $\angle C$.



Note: The segments \overline{AB} and \overline{CD} are parallel.

3. (5 + 5 = 10 points) Find the missing angle θ in each part.

