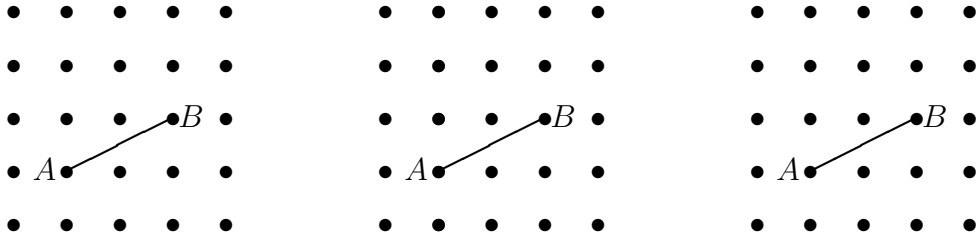


1. (a) Among the points shown in the left-hand diagram, circle all possible points C that would make $\angle ABC$ exactly a right angle.
- (b) Among the points shown in the center diagram, circle all possible points C that would make $\angle ACB$ an obtuse angle.
- (c) Among the points shown in the right-hand diagram, circle the single point C that would make $\angle BAC$ closest to a zero angle.



2. (a) Find the measurement of the non-reflex angle formed by the hands of a working clock at 4:37. Show clear work; round to the nearest hundredth if needed.

- (b) Name two times of day when the hands of a working clock form a 75° angle.

3. In the diagram below, $\ell \parallel m$. Find the measures of the indicated angles. Clearly explain in sentences all necessary computations, using correct $m(\angle _)$ notation throughout. You may mark additional angles if you wish. Do not judge any measurements by appearances.

