Mathematics 7
A.Y. 2021 - 2022
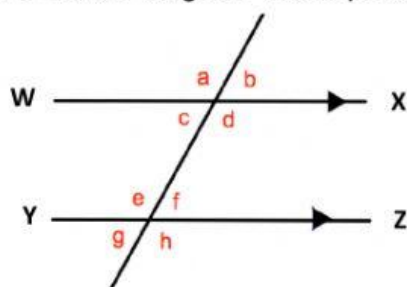**Term 3**

Title: Angles formed within Parallel Lines   **Homework # 3.4**

A. On the diagram WX is parallel to YZ.
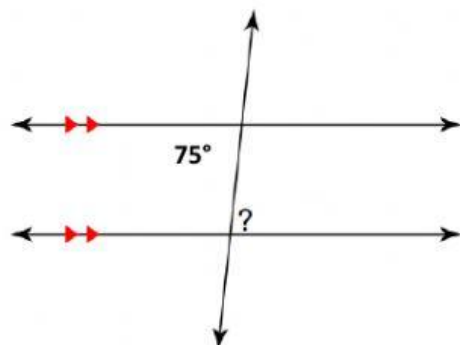

(a) Which angle is vertically opposite to angle *c*?

(b) Which angle is corresponding to angle *e*?

(c) Which angle is alternate to angle *d*?

(d) Which angle is corresponding to angle *g*?

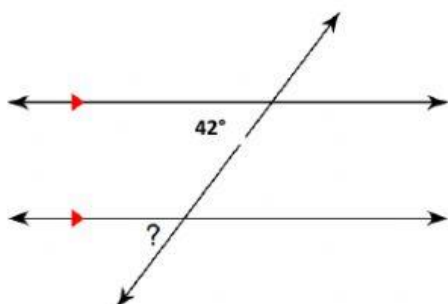B. Work out the size of each of the unknown angles in these diagrams. Give reasons for your answers.

1.

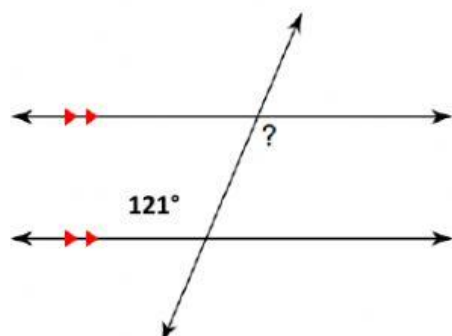**measure of the unknown angle: ____°**

Reason: _____

2.

measure of the unknown angle: ____°

Reason: _____

3.

measure of the unknown angle: ____°

Reason: _____