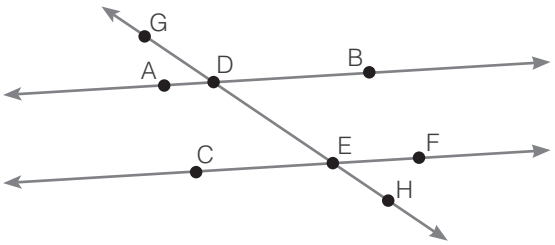
Tasks for Activity 1.4

Task	Rationale	Ways to Adapt the Task to Increase the Cognitive Demand
Level 3 Number Pairs That Make 10 (Grade K) Two-sided chips (red and yellow) are available. Jasmine has 10 marbles. Some of them are red and the rest are yellow. How many marbles could be red and how many marbles could be yellow?		
Level 2 Adding Fractions With Unlike Denominators (Grade 5) In problems 1–3, find a common denominator and add the fractions: 1) $\frac{3}{4} + \frac{1}{20} =$ 2) $\frac{2}{3} + \frac{3}{5} =$ 3) $\frac{5}{12} + \frac{1}{6} =$		
Level 1 Angles (Grade 7) Lines AB and CF are parallel. Name pairs of angles that are: a. Vertical angles b. Supplementary angles c. Alternate interior angles d. Corresponding angles 		

Source: Level 3 question adapted from Dixon, Nolan, Adams, Brooks, & Howse, 2016, p. 65.