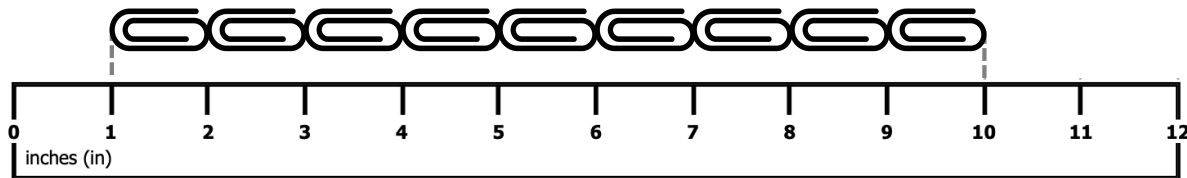


Penny uses a ruler to measure the length of 9 paper clips, as shown below.



To find their total length, Penny counts the marks on the ruler, starting at the mark above the digit “1.” She counts 10 marks, so Penny says the total length of the paper clips is 10 inches.

a. Is Penny correct? Explain if you agree or disagree with her strategy.

b. Find the total length of the paper clips without counting. Show your thinking by writing and solving a subtraction or addition equation.