

Name _____

Date _____

Alice's Multiplication Fact

Alice forgot what 7×8 equals. Alice knows that $5 \times 8 = 40$ and $2 \times 8 = 16$.

- (1) Write a sentence to tell Alice how she can find the value of 7×8 by using the two facts she knows.

- (2) Draw a diagram that could help Alice understand why your method works.

- (3) Choose two numbers other than 7 and 8, and try using your method to multiply them. Will your method work for any pair of factors? Say why you think so.