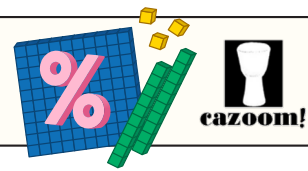


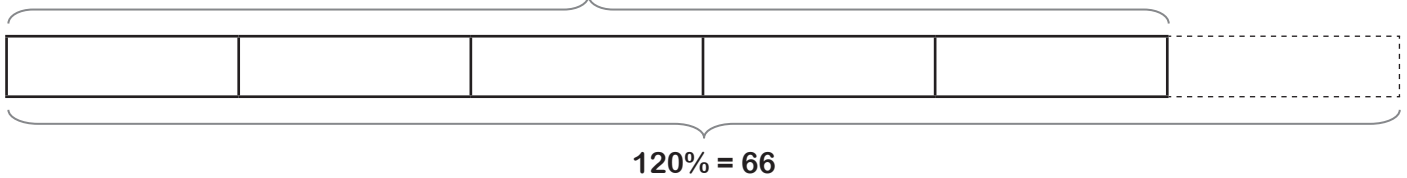
Reverse Percentages - Using a Bar Model (B)



Section A Use the bar models to find the original amount each given increase.

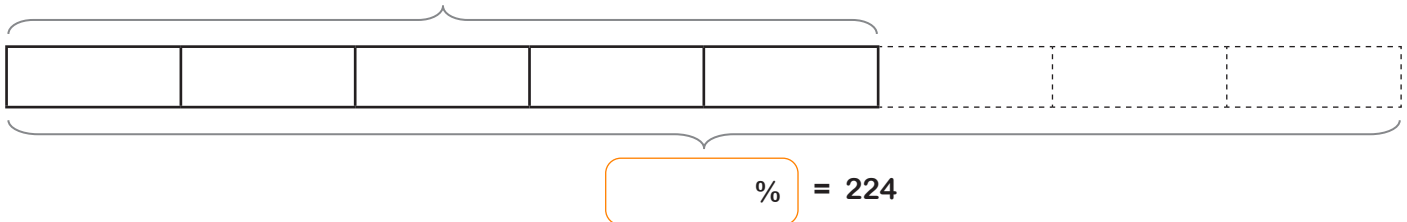
- 1) An amount is increased by 20% to 66, use the bar model to find 100% (the original amount).

100% =



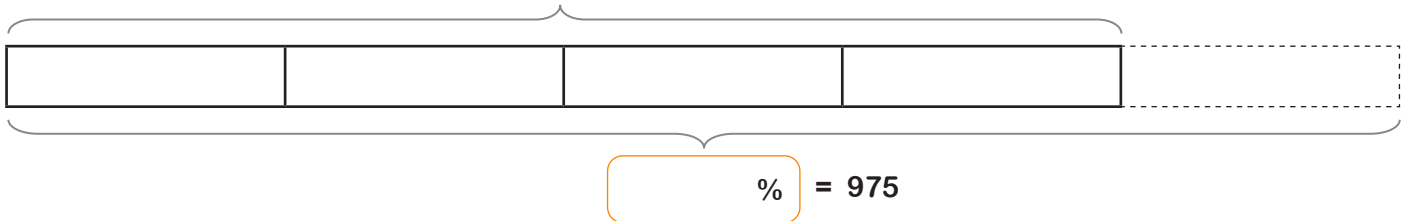
- 2) An amount is increased by 60% to 224.

100% =



- 3) An amount is increased by 25% to 975.

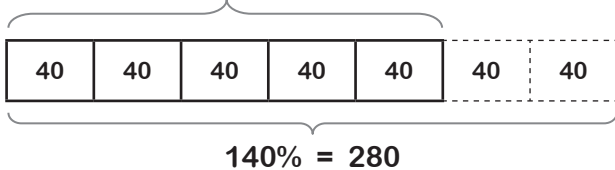
100% =



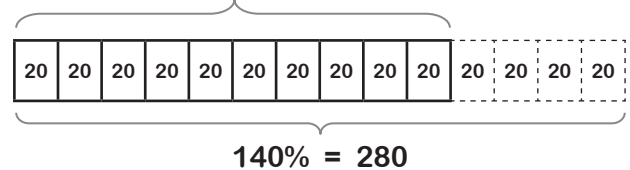
Section B Students are using bar models to calculate with percentages. Here is some of their work:

An amount is increased by 40% to 280, find the original amount.

100% =

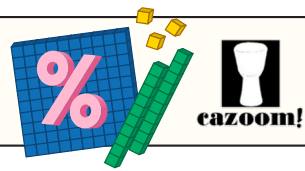


100% =



What's the same and what's different in the ways the students have used the bar models?

Reverse Percentages - Using a Bar Model (B)



Section C Use the bar models to find the original amount after each given increase.

1) An amount is increased by 10% to 99

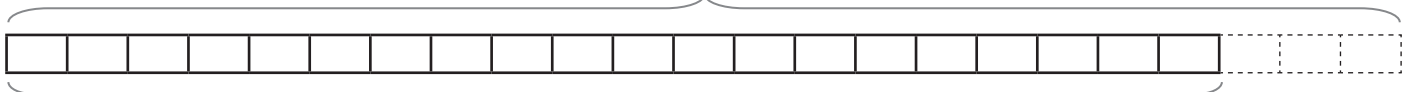
$$110\% = 99$$



$$100\% = \boxed{}$$

2) An amount is increased by 15% to 920

$$115\% = 920$$



$$100\% = \boxed{}$$

3) An amount is increased by 75% to 49

$$175\% = 49$$



$$100\% = \boxed{}$$

3) An amount is increased by 30% to 325

$$130\% = 325$$



$$100\% = \boxed{}$$

3) An amount is increased by 80% to 378

$$180\% = 378$$



$$100\% = \boxed{}$$

3) An amount is increased by 45% to 116

$$145\% = 116$$



$$100\% = \boxed{}$$