

ANSWERS

BAR MODELS

Instructions: Draw a bar model for each problem and solve it.

Exercise 1

The difference between two numbers is 22. The smaller number is 18. What is the bigger number?

Bar Model: $\begin{array}{|c|c|c|} \hline \text{---18---} & \text{---?---} & \\ \hline \text{---22---} & & \\ \hline \end{array}$

Answers: $\underline{18 + 22 = 40}$

Exercise 2

The sum of two numbers is 120. The bigger number is 80. What is the smaller number?

Bar Model: $\begin{array}{|c|c|c|} \hline \text{-----120-----} & & \\ \hline \text{-----80-----} & \text{---?---} & \\ \hline \end{array}$

Answers: $\underline{120 - 80 = 40}$

Exercise 3

The difference between two numbers is 50. The bigger number is 95. What is the smaller number?

Bar Model: $\begin{array}{|c|c|c|} \hline \text{-----95-----} & & \\ \hline \text{-----50-----} & \text{---?---} & \\ \hline \end{array}$

Answers: $\underline{95 - 50 = 45}$

How Did You Do? 