

# Rock Sums

Did You Know? Larger rocks can break into stones over time. Rain, wind, and ice can make rocks crumble and break apart.

- 1 Jessica and Milton are collecting stones on a hike. Milton collects 27 stones. Jessica collects 18 stones. How many stones do they collect in all?

Use compensation to solve the problem.

$$27 + 18 = \underline{\quad}$$

$$\bigcirc \underline{\quad} \bigcirc \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad} \text{ stones}$$

- 2 Model how you used compensation to solve the problem in Item 1. Draw a picture of place-value blocks for each addend. Then use your drawing and words to explain your thinking.

- 3 **Extension** Write your own word problem about collecting stones. Then use compensation to solve.

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\bigcirc \underline{\quad} \bigcirc \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$