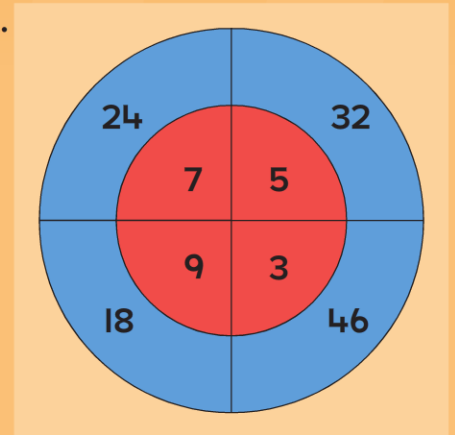# Using the Associative Property of Addition with Three One- and Two-Digit Numbers

Imagine you threw three small beanbags onto this target.

If each beanbag lands in the red circle, what total scores might you record?

How could you figure out the totals?

> I chose 7, 9, and 3.
> Then I added in this order
> 7 + 3 + 9 because 7 + 3
> makes 10 which is easy.

Imagine two beanbags land in blue and one beanbag lands in red.

How could you figure out the total scores you could record?

> I could add friendly pairs of numbers like 18 and 32 first.

Why are 18 and 32 called friendly pairs?

What other numbers make friendly pairs?

Step Up

a. Imagine three beanbags land in **different** pink parts of this target. Write addition sentences to show all the scores you might record.

$6 + 4 + 8 =$