

Addition and subtraction

Bridging and adjusting

Look for numbers that are close to a multiple of 10, so that you can round to a multiple of 10 and then add or subtract a small number (adjusting). For example:

$$64 + 79 = 143 \quad \text{Work this out as } 64 + 80 - 1 = 143$$

$$138 - 47 = 91 \quad \text{Work this out as } 138 - 50 + 3 = 91$$

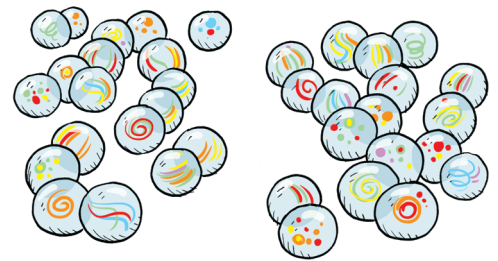
1. Complete these calculations. Show your working.

a. $62 + 56 =$ _____

b. $94 + 87 =$ _____

c. $83 + 78 =$ _____

d. $82 + 99 =$ _____



Here are other ways of thinking when adding and subtracting.

$$137 + 39 = 137 + 40 - 1 = 176 \quad 137 + 41 = 137 + 40 + 1 = 178$$

$$187 - 21 = 187 - 20 - 1 = 166 \quad 187 - 19 = 187 - 20 + 1 = 168$$

2. Now do these problems in the same way, showing your working.

a.	157	+	19	=	$157 + 20 - 1$	=	176
b.	385	-	69	=		=	
c.	537	+	41	=		=	
d.	542	-	21	=		=	
e.	246	+	39	=		=	

3. Solve this problem using one of the strategies suggested on this page.

A jar contained 454g of marmalade. Seventy-nine grams of the marmalade were eaten.

What mass still remained in the jar? _____

