

Checking calculations – Tuesday 2nd February

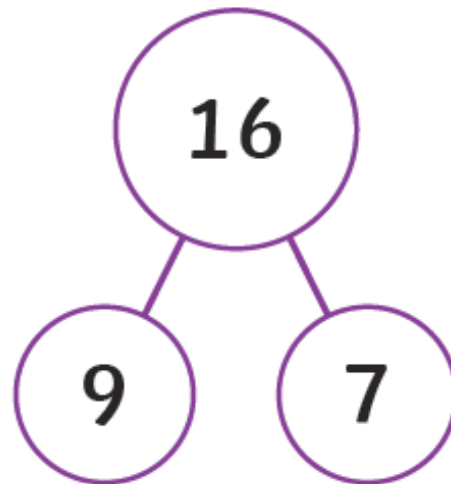
Please print these pages and complete your work by hand. Then take a photo or scan your finished work and email your work to Miss Brophy.

Ingrid Inverse loves to check calculations.
Can you help her check Ben's calculations using
the inverse? Ingrid has done the first one.

Calculation	Inverse	Correct? ✓ or ✗
$12 + 5 = 17$	$17 - 5 = 12$	✓
$25 - 13 = 10$		
$19 + 9 = 28$		
$6 + 15 = 22$		
$32 - 11 = 21$		



Ben used a part-whole model for this calculation:



To check his calculation, he wrote the inverse:

$$9 - 7 = 16$$

Explain Ben's mistake.

What would Ben's addition calculation be?

How many inverse calculations can you write for his addition calculation? Use equipment or a number line to check your calculations.

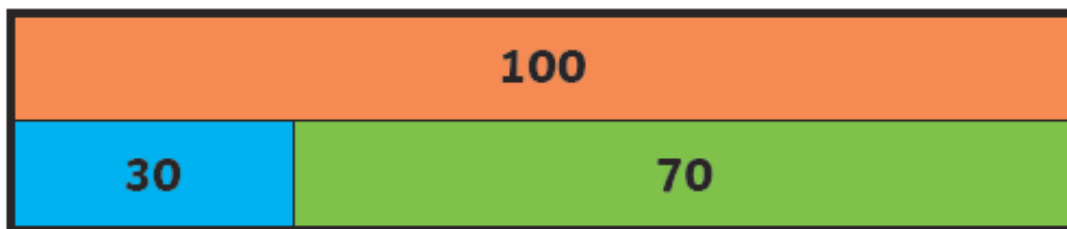
Show your working out in this box

Ingrid knows:
 $12 + 7 = 19$
 $7 + 12 = 19$

She knows the inverses are:

$$19 - 7 = 12$$
$$19 - 12 = 7$$

Can you write four calculations to go with
Ingrid's bar model?



Show your working out in the box