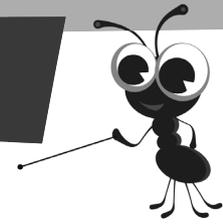


Name: _____ Date: _____

Adding and subtracting decimals



Add and subtract mentally whole numbers and decimals

- Write a digit in each box to the right to make a decimal number greater than 20. Do not use 0.
- Add the numbers in the circles of questions a–f to your decimal and fill in the answers in the add boxes.
- Subtract the numbers in the circles of questions a–f from your decimal and fill in the answers in the subtract boxes.
- Make any jottings on the back of this sheet.

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Challenge
1

Subtract	Add
a <input style="width: 50px;" type="text"/> ← (4) → <input style="width: 50px;" type="text"/>	
c <input style="width: 50px;" type="text"/> ← (10) → <input style="width: 50px;" type="text"/>	
e <input style="width: 50px;" type="text"/> ← (17) → <input style="width: 50px;" type="text"/>	

Subtract	Add
b <input style="width: 50px;" type="text"/> ← (7) → <input style="width: 50px;" type="text"/>	
d <input style="width: 50px;" type="text"/> ← (14) → <input style="width: 50px;" type="text"/>	
f <input style="width: 50px;" type="text"/> ← (12) → <input style="width: 50px;" type="text"/>	

Challenge
2

a <input style="width: 50px;" type="text"/> ← (2.6) → <input style="width: 50px;" type="text"/>	
c <input style="width: 50px;" type="text"/> ← (6.1) → <input style="width: 50px;" type="text"/>	
e <input style="width: 50px;" type="text"/> ← (7.8) → <input style="width: 50px;" type="text"/>	

b <input style="width: 50px;" type="text"/> ← (4.5) → <input style="width: 50px;" type="text"/>	
d <input style="width: 50px;" type="text"/> ← (3.4) → <input style="width: 50px;" type="text"/>	
f <input style="width: 50px;" type="text"/> ← (9.7) → <input style="width: 50px;" type="text"/>	

Challenge
3

a <input style="width: 50px;" type="text"/> ← (5.68) → <input style="width: 50px;" type="text"/>	
c <input style="width: 50px;" type="text"/> ← (4.91) → <input style="width: 50px;" type="text"/>	
e <input style="width: 50px;" type="text"/> ← (4.85) → <input style="width: 50px;" type="text"/>	

b <input style="width: 50px;" type="text"/> ← (3.72) → <input style="width: 50px;" type="text"/>	
d <input style="width: 50px;" type="text"/> ← (6.53) → <input style="width: 50px;" type="text"/>	
f <input style="width: 50px;" type="text"/> ← (8.70) → <input style="width: 50px;" type="text"/>	



Explain to someone at home how you add and subtract decimals mentally. Ask them to tell you how they would do it. If the methods are different, which is better? Why? Write your explanation on the back of this sheet.