

Name \_\_\_\_\_

1. Find the sum of 458 and 342. Use place value and find the sums of the hundreds, tens, and ones. **2 points**

Hundreds	Tens	Ones
<b>4</b>	<b>5</b>	<b>8</b>
<b>3</b>	<b>4</b>	<b>2</b>
5    3	4    8	4    2

$$400 + 300 = 700;$$

$$50 + 40 = 90;$$

$$8 + 2 = 10; 700 + 90 + 10 = 800$$

2. An estimate of  $756 - 319$  using compatible numbers is  $750 - 300 = 450$ . Would it be reasonable for the exact difference to be 337? Explain. **2 points**

**It would not be reasonable; Sample answer: The answer is more than 100 from the estimate. The correct difference is 437.**

3. Which addends are broken apart correctly? Select all that apply. **1 point**

- $156 + 209$   
 $(100 + 200) + (50 + 10) + (6 + 9)$
- $332 + 458$   
 $(300 + 4) + (30 + 5) + (2 + 8)$
- $640 + 109$   
 $(600 + 100) + 40 + 9$
- $652 + 330$   
 $(600 + 300) + (50 + 30) + 2$
- $290 + 209$   
 $(200 + 200) + (90 + 10) + 9$

4. Find the sum of 212, 69, and 183. **1 point**

- A 464
- B 454
- C 364
- D 354

5. What is  $219 + 196$ ? **1 point**

- (A) 397
- (B) 405
- (C) 415
- (D) 433

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6. Find  $185 + 19$ . Then subtract the sum from 311. **1 point**

$$185 + 19 = 204;$$
$$311 - 204 = 107$$

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7. Subtract 165 from 300. **1 point**

- (A) 85
- (B) 135
- (C) 160
- (D) 465

8. **A.** Is  $116 + 88$  greater than 164? Make a conjecture. **1 point**

**Sample answer:**  
 **$116 + 88$  is greater than 164.**

**B.** Construct an argument to prove your conjecture. **1 point**

**Sample answer:**  
**First I find the sum of 116 and 88;**  
 **$116 + 88 = 204$ .**  
**Then I compare the sum to 164;**  
 **$204 > 164$ .**

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9. What is  $763 - 547$ ? **1 point**

- (A) 116
- (B) 216
- (C) 226
- (D) 261

10. Find  $237 + 128 + 23$ . Then subtract the sum from 400. **1 point**

$$\begin{aligned} 237 + 128 + 23 \\ = 388; \\ 400 - 388 = 12 \end{aligned}$$

11. Find  $178 + 125$ . Then subtract 85 from the sum. What is the difference?

- 1 point**
- (A) 138  
(B) 218  
(C) 303  
(D) 388

12. Describe how to use place-value blocks to regroup to solve the subtraction problem below. What is the difference?

$$456 - 238$$

**2 points**

**Regroup 1 ten rod into 10 ones cubes. The difference is 218.**

13. Find the difference between 362 and 161.

- A. If you need to regroup to find the difference, explain how to do it. If you do not need to regroup, explain why not. **1 point**

**Sample answer: I can subtract 1 one from 2 ones, 6 tens from 6 tens, and 1 hundred from 3 hundreds. I do not need to regroup to find the difference.**

- B. Find the difference. **1 point**

**201**

14. Put the steps in order to find  $893 - 435$ . **1 point**

	Step 1	Step 2	Step 3
Subtract $463 - 5$	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Subtract $493 - 30$	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Subtract $893 - 400$	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. What is the difference between  $209 + 198$  and  $345$ ? **1 point**

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16. Use place value to subtract  $342$  from  $563$ . How many times do you have to regroup? **1 point**

- (A) 3
- (B) 2
- (C) 1
- (D) 0

17. Subtract. **1 point**

$$493 - 328$$

- (A) 35
- (B) 165
- (C) 175
- (D) 200

18. Subtract  $164$  from  $229$ . **1 point**

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