Name					Date	
Solve the following pairs of problems. Circle the pairs where both problems have the same answer.						
1.	a.	7 + (6 + 4)	5.	a.	(3 + 2) × 5	
	b.	(7 + 6) + 4		b.	3 + (2 × 5)	
2.	a.	(3 × 2) × 4	6.	a.	(8 ÷ 2) × 2	
	b.	3 × (2 × 4)		b.	8 ÷ (2 × 2)	
3.	a.	$(2 \times 1) \times 5$	7.	a.	(9 – 5) + 3	
	b.	2 × (1 × 5)		b.	9 – (5 + 3)	
4.	a.	$(4 \times 2) \times 2$	8.	a.	(8 × 5) – 4	
	b.	4 × (2 × 2)		b.	8 × (5 – 4)	



Name	Date	
1. Use the array to complete the equation.		
	a. 3 × 12 =	
	b. (3 × 3) × 4 = × 4 =	
	c. 3 × 14 =	
000000000000000000000000000000000000000		
	d. (×)×7	
) =× =	



2. Place parentheses in the equations to simplify. Then, solve. The first one has been done for you.



3. Charlotte finds the answer to 16×2 by thinking about 8×4 . Explain her strategy.

