Name _____ Date _____

1. Solve.

a. 9 – (6 + 3) = _____

b. (9 – 6) + 3 = _____

c. _____= 14 – (4 + 2)

d. _____ = (14 – 4) + 2

e. _____ = (4 + 3) × 6

f. _____ = 4 + (3 × 6)

g. (18 ÷ 3) + 6 = _____

h. 18 ÷ (3 + 6) = _____

2. Use parentheses to make the equations true.

a. 14 – 8 + 2 = 4

b. 14 – 8 + 2 = 8

c. 2 + 4 × 7 = 30

d. 2 + 4 × 7 = 42

g. 12 = 18 ÷ 3 × 2

h. 3 = 18 ÷ 3 × 2

e. 5 = 50 ÷ 5 × 2

f. 20 = 50 ÷ 5 × 2

3. Determine if the equation is true or false.

a. $(15 - 3) \div 2 = 6$	Example: True
b. $(10 - 7) \times 6 = 18$	
c. $(35 - 7) \div 4 = 8$	
d. $28 = 4 \times (20 - 13)$	
e. $35 = (22 - 8) \div 5$	

4. Jerome finds that $(3 \times 6) \div 2$ and $18 \div 2$ are equal. Explain why this is true.

5. Place parentheses in the equation below so that you solve by finding the difference between 28 and 3. Find the answer.

$4 \times 7 - 3 =$

6. Johnny says that the answer to $2 \times 6 \div 3$ is 4 no matter where the parentheses are. Do you agree? Place parentheses around different numbers to show his thinking.