

## Comparing Statements

1. A. 20; B. 10; C. 40
2. B and C
3. A.  $8 \times 3$ ; B.  $16 \div 4$ ; C.  $11 \times 8$
4. No, Tina is incorrect because if she swapped the numbers 3 and 4 her statement would be  $5 \times 4 > 36 \div 3$ .  $5 \times 4 = 20$  and  $36 \div 3 = 12$ . The symbol would not need to change because  $20 > 12$ .
5. Various answers, for example:  $40 \div 8 < 3 \times 3$ ;  $64 \div 8 < 3 \times 3$ ;  $35 \div 5 < 3 \times 3$ .
6. Various answers, for example:  $3 \times 8 > 88 \div 4$ ;  $3 \times 4 > 88 \div 11$ ;  $3 \times 5 > 88 \div 8$