

Fill in the blank with $>$, $<$, **OR** $=$ to make the statement true.

Comparing whole numbers:

1) 48 _____ 53

2) 620 _____ 602

3) 999 _____ 1000

4) 325 _____ 352

5) 805 _____ 850

Comparing after addition/subtraction

6) $320 + 150$ _____ 500

7) $600 - 325$ _____ 300

8) $200 + 299$ _____ 499

9) $415 - 215$ _____ 200

10) $125 + 75$ _____ 200

Comparing after multiplication/division

11) Write an inequality comparing 5×7 and 40 _____

12) 8×9 _____ 72

13) $49 \div 7$ _____ 8

14) 6×12 _____ 72

15) $84 \div 12$ _____ 7

Circle Yes or No for the following:

Inequalities with a given variable value

16) If $x = 12$, is $x + 8 > 20$? Yes / No

17) If $y = 25$, is $y - 10 < 20$? Yes / No

18) If $a = 15$, is $a \times 2 > 25$? Yes / No

19) If $b = 9$, is $b + 5 < 15$? Yes / No

20) If $p = 50$, is $p - 25 > 30$? Yes / No

Fill in the one number that will make the following inequality true. (There can be many different answers)

21) $245 < \underline{\hspace{2cm}} < 250$

22) $100 < \underline{\hspace{2cm}} < 110$

23) $490 > \underline{\hspace{2cm}} > 480$

24) $350 < \underline{\hspace{2cm}} < 355$

25) $90 > \underline{\hspace{2cm}} > 80$

Answer Sheet

1) < 2) > 3) < 4) < 5) <

6) < 7) < 8) > 9) = 10) =

11) $5 \times 7 < 40$ 12) = 13) < 14) = 15) =

16) Yes 17) No 18) Yes 19) Yes 20) No

The following have more than one answer. Some are listed here.

21) 246, 247, 248, 249 22) 101-109 23) 481-489 24) 351-354 25) 81-89