

Name: _____

Compound Sentences

State whether each compound sentence is true or false.

1) $8 < 3$ and $8 > 3$

2) $12 > 9$ and $12 > 12$

3) $5 < 7$ and $-8 < -6$

4) $9 \neq 0$ and $12 < 17$

5) $5 \geq -4$ and $11 \leq 7$

6) $5 > -3$ and $-5 > -1$

7) $7 > 4$ or $5 < 6$

8) $13 > 6$ or $0 < -2$

9) $-11 < -19$ or $3 > 0$

10) $8 \leq 8$ or $7 > 15$

11) $8 \neq 9$ or $16 < -7$

12) $-21 > -19$ or $-7 > 0$

Write each compound sentence without *and*.

13) $0 \leq m$ and $m < 9$

14) $0 < y$ and $y \leq 12$

15) $p \geq \frac{3}{4}$ and $p \leq \frac{11}{9}$

16) $r > -\frac{1}{2}$ and $r < \frac{8}{3}$

17) $z > -\frac{4}{5}$ and $z < \frac{2}{3}$

18) $y \leq \frac{4}{9}$ and $y \geq -\frac{4}{3}$

19) $m < -\frac{6}{5}$ and $m > -\frac{13}{7}$

20) $r > -\frac{3}{4}$ and $r \leq -\frac{1}{10}$

21) $a > -2.4$ and $a \geq -4.9$

22) $m \geq 0.35$ and $m \leq 0.99$