**Comparing Numbers in Scientific Notation**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each question, write the correct comparison symbol (<, > or =) to compare the two terms.

1. $3.1×10^{5}$ [ ] $2.9×10^{6}$

2. $5.5×10^{−3}$ [ ] $4.4×10^{−2}$

3. $7.7×10^{4}$ [ ] $7.7×10^{4}$

4. $1.2×10^{7}$ [ ] $9.8×10^{6}$

5. $6.3×10^{−1}$ [ ] $8.2×10^{−2}$

6. $2.2×10^{3}$ [ ] $2.1×10^{4}$

7. $5.6×10^{2}$ [ ] $5.6×10^{2}$

8. $4.9×10^{8}$ [ ] $3.7×10^{9}$

9. $9.9×10^{−4}$ [ ] $1.1×10^{−3}$

10. $6.6×10^{5}$ [ ] $6.5×10^{4}$

11. $3.3×10^{3}$ [ ] $3.4×10^{2}$

12. $1.1×10^{−1}$ [ ] $1.2×10^{−2}$

13. $7.8×10^{6}$ [ ] $5.9×10^{6}$

14. $2.2×10^{−5}$ [ ] $3.3×10^{−6}$

15. $8.1×10^{3}$ [ ] $8.2×10^{4}$

16. $4.4×10^{5}$ [ ] $4.5×10^{6}$

17. $9.2×10^{2}$ [ ] $1.1×10^{3}$

18. $3.3×10^{7}$ [ ] $2.8×10^{8}$

19. $5.5×10^{−4}$ [ ] $5.6×10^{−4}$

20. $7.1×10^{9}$ [ ] $6.9×10^{9}$

**Comparing Numbers in Scientific Notation - Answers**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For each question, write the correct comparison symbol (<, > or =) to compare the two terms.

1. $3.1×10^{5}$ [ *<* ] $2.9×10^{6}$

2. $5.5×10^{−3}$ [ *<* ] $4.4×10^{−2}$

3. $7.7×10^{4}$ [ *=* ] $7.7×10^{4}$

4. $1.2×10^{7}$ [ *>* ] $9.8×10^{6}$

5. $6.3×10^{−1}$ [ *>* ] $8.2×10^{−2}$

6. $2.2×10^{3}$ [ *<* ] $2.1×10^{4}$

7. $5.6×10^{2}$ [ *=* ] $5.6×10^{2}$

8. $4.9×10^{8}$ [ *<* ] $3.7×10^{9}$

9. $9.9×10^{−4}$ [ *<* ] $1.1×10^{−3}$

10. $6.6×10^{5}$ [ *>* ] $6.5×10^{4}$

11. $3.3×10^{3}$ [ *>* ] $3.4×10^{2}$

12. $1.1×10^{−1}$ [ *>* ] $1.2×10^{−2}$

13. $7.8×10^{6}$ [ *>* ] $5.9×10^{6}$

14. $2.2×10^{−5}$ [ *>* ] $3.3×10^{−6}$

15. $8.1×10^{3}$ [ *<* ] $8.2×10^{4}$

16. $4.4×10^{5}$ [ *<* ] $4.5×10^{6}$

17. $9.2×10^{2}$ [ *<* ] $1.1×10^{3}$

18. $3.3×10^{7}$ [ *<* ] $2.8×10^{8}$

19. $5.5×10^{−4}$ [ *<* ] $5.6×10^{−4}$

20. $7.1×10^{9}$ [ *>* ] $6.9×10^{9}$