Name: _____

Multiplication as Scaling

Do not multiply. Decide if the product is greater than, less than or equal to the number on the right. Write >, < or =.

1. $20 \times \frac{3}{3}$ ◯ 20
2. $\frac{1}{3} \times 12$ ◯ 12
3. $16 \times \frac{8}{8}$ ◯ 16
4. $\frac{3}{2} \times 6$ ◯ 6
5. $\frac{7}{4} \times 11$ ◯ 11
6. $6 \times \frac{9}{5}$ ◯ 6
7. $7 \times \frac{15}{8}$ ◯ 7
8. $4 \times \frac{9}{5}$ ◯ 4
9. $\frac{9}{5} \times 6$ ◯ 6
10. $9 \times \frac{1}{8}$ ◯ 9
11. $10 \times \frac{7}{6}$ ◯ 10
12. $17 \times \frac{7}{4}$ ◯ 17
13. $17 \times \frac{8}{5}$ ◯ 17
14. $16 \times \frac{7}{4}$ ◯ 16
15. $\frac{3}{3} \times 17$ ◯ 17
16. $19 \times \frac{4}{4}$ ◯ 19
17. $11 \times \frac{9}{5}$ ◯ 11
18. $9 \times \frac{6}{6}$ ◯ 9
19. $5 \times \frac{5}{6}$ ◯ 5
20. $\frac{1}{6} \times 20$ ◯ 20

Name: **ANSWER KEY**

Multiplication as Scaling

Do not multiply. Decide if the product is greater than, less than or equal to the number on the right. Write >, < or =.

1. $20 \times \frac{3}{3}$ (=) 20
2. $\frac{1}{3} \times 12$ (<) 12
3. $16 \times \frac{8}{8}$ (=) 16
4. $\frac{3}{2} \times 6$ (>) 6
5. $\frac{7}{4} \times 11$ (>) 11
6. $6 \times \frac{9}{5}$ (>) 6
7. $7 \times \frac{15}{8}$ (>) 7
8. $4 \times \frac{9}{5}$ (>) 4
9. $\frac{9}{5} \times 6$ (>) 6
10. $9 \times \frac{1}{8}$ (<) 9
11. $10 \times \frac{7}{6}$ (>) 10
12. $17 \times \frac{7}{4}$ (>) 17
13. $17 \times \frac{8}{5}$ (>) 17
14. $16 \times \frac{7}{4}$ (>) 16
15. $\frac{3}{3} \times 17$ (=) 17
16. $19 \times \frac{4}{4}$ (=) 19
17. $11 \times \frac{9}{5}$ (>) 11
18. $9 \times \frac{6}{6}$ (=) 9
19. $5 \times \frac{5}{6}$ (<) 5
20. $\frac{1}{6} \times 20$ (<) 20