

Scaling and Multiplying Fractions Pre-Test Name _____

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Date _____

Compare using scaling. Write <, > or =.

1) $\frac{3}{4} \times \frac{17}{20}$ _____ $\frac{3}{4}$

2) $6\frac{4}{5} \times \frac{17}{28}$ _____ $6\frac{4}{5}$

3) $\frac{8}{9} \times 5\frac{3}{5}$ _____ $\frac{8}{9}$

4) $7\frac{4}{33} \times 10\frac{7}{8}$ _____ $7\frac{4}{33}$

5) $\frac{18}{5} \times \frac{71}{5}$ _____ $\frac{18}{5}$

6) $7\frac{3}{53} \times \frac{52}{52}$ _____ $7\frac{3}{53}$

Find each product. Reduce and leave as a mixed number.

7) $2 \times \frac{4}{5}$

8) $8\frac{1}{2} \times \frac{10}{7}$

9) $\frac{3}{2} \times \frac{7}{18}$

10) $\frac{6}{5} \times \frac{7}{10}$

11) $3\frac{1}{3} \times \frac{3}{2}$

12) $11 \times \frac{8}{5}$

13) $1\frac{3}{5} \times 5\frac{1}{8}$

14) $7\frac{1}{5} \times 5\frac{1}{3}$

15) $8\frac{4}{5} \times \frac{1}{10}$

16) $2\frac{5}{8} \times \frac{2}{3}$

17) $\frac{2}{5} \times \frac{5}{7}$

18) $5\frac{5}{12} \times \frac{10}{7}$

19) $6\frac{2}{5} \times \frac{3}{2}$

20) $4\frac{1}{10} \times 6\frac{2}{5}$

21) $3\frac{7}{12} \times \frac{3}{16}$

22) $18 \times \frac{13}{10}$

Answers to Scaling and Multiplying Fractions Pre-Test

1) <
5) >

2) <
6) =

3) <
7) $1\frac{3}{5}$

4) >
8) $12\frac{1}{7}$

9) $\frac{7}{12}$

10) $\frac{21}{25}$

11) 5

12) $17\frac{3}{5}$

13) $8\frac{1}{5}$

14) $38\frac{2}{5}$

15) $\frac{22}{25}$

16) $1\frac{3}{4}$

17) $\frac{2}{7}$

18) $7\frac{31}{42}$

19) $9\frac{3}{5}$

20) $26\frac{6}{25}$

21) $\frac{43}{64}$

22) $23\frac{2}{5}$