

Name: Class:

Multiply unit fractions and whole numbers: sorting

Compare each product below to 1. (sort each product into the correct box)

a. $\frac{1}{3} \times 3$, $\frac{1}{2} \times 3$, $\frac{1}{6} \times 4$

Less than 1

Equal to 1

Greater than 1

d. $\frac{1}{10} \times 4$, $\frac{1}{1000} \times 100$, $\frac{1}{7} \times 49$

Less than 1

Equal to 1

Greater than 1

b. $\frac{1}{5} \times 2$, $\frac{1}{10} \times 5$, $\frac{1}{5} \times 5$, $\frac{1}{5} \times 7$,

Less than 1

Equal to 1

Greater than 1

e. $\frac{1}{2} \times 1$, $\frac{1}{4} \times 4$, $\frac{1}{3} \times 9$, $\frac{1}{5} \times 6$,

Less than 1

Equal to 1

Greater than 1

c. $\frac{1}{7} \times 9$, $\frac{1}{7} \times 7$, $\frac{1}{4} \times 10$

Less than 1

Equal to 1

Greater than 1

f. $\frac{1}{12} \times 2$, $\frac{1}{5} \times 16$, $\frac{1}{100} \times 100$,

Less than 1

Equal to 1

Greater than 1

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Multiply unit fractions and whole numbers: sorting

Compare each product below to 1. (sort each product into the correct box)

a. $\frac{1}{3} \times 3$, $\frac{1}{2} \times 3$, $\frac{1}{6} \times 4$

Let's first of all find the product of all the expressions;

$\frac{1}{3} \times 3 = \frac{3}{3}$ $\frac{1}{2} \times 3 = \frac{3}{2} = 1\frac{1}{2}$ $\frac{1}{6} \times 4 = \frac{4}{6} = \frac{2}{3}$

Secondly, you see that; $\frac{3}{3}$ is equal to 1 $1\frac{1}{2}$ is greater 1 $\frac{2}{3}$ is less than 1

Finally, sort each expression into their respective boxes;

Less than 1 $\frac{1}{6} \times 4$	Equal to 1 $\frac{1}{3} \times 3$	Greater than 1 $\frac{1}{2} \times 3$
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d. $\frac{1}{10} \times 4$, $\frac{1}{1000} \times 100$, $\frac{1}{7} \times 49$

Less than 1 $\frac{1}{10} \times 4, \frac{1}{1000} \times 100$	Equal to 1	Greater than 1 $\frac{1}{7} \times 49$
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b. $\frac{1}{5} \times 2$, $\frac{1}{10} \times 5$, $\frac{1}{5} \times 5$, $\frac{1}{5} \times 7$,

Less than 1 $\frac{1}{5} \times 2, \frac{1}{10} \times 5$	Equal to 1 $\frac{1}{5} \times 5$	Greater than 1 $\frac{1}{5} \times 7$
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e. $\frac{1}{2} \times 1$, $\frac{1}{4} \times 4$, $\frac{1}{3} \times 9$, $\frac{1}{5} \times 6$,

Less than 1 $\frac{1}{2} \times 1$	Equal to 1 $\frac{1}{4} \times 4$	Greater than 1 $\frac{1}{5} \times 6, \frac{1}{3} \times 9$
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c. $\frac{1}{7} \times 9$, $\frac{1}{7} \times 7$, $\frac{1}{4} \times 10$

Less than 1	Equal to 1 $\frac{1}{7} \times 7$	Greater than 1 $\frac{1}{7} \times 9, \frac{1}{4} \times 10$
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f. $\frac{1}{12} \times 2$, $\frac{1}{5} \times 16$, $\frac{1}{100} \times 100$,

Less than 1 $\frac{1}{12} \times 2$,	Equal to 1 $\frac{1}{100} \times 100$,	Greater than 1 $\frac{1}{5} \times 16$,
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