

Name: Class:

Multiply fractions and whole numbers: sorting

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

a. $\frac{1}{3} \times 3$, $\frac{2}{3} \times 5$, $\frac{1}{5} \times 2$

b. $\frac{2}{4} \times 2$, $\frac{2}{5} \times 3$, $\frac{1}{3} \times 5$

c. $\frac{1}{7} \times 6$, $\frac{2}{6} \times 2$, $\frac{1}{8} \times 4$

d. $\frac{4}{4} \times 2$, $\frac{5}{7} \times 7$, $\frac{2}{8} \times 9$

e. $\frac{2}{5} \times 7$, $\frac{3}{7} \times 2$, $\frac{6}{8} \times 4$

f. Sort out the fractions by matching or linking the boxes with lines.

$\frac{2}{10} \times 5$

Less than 1

$\frac{17}{19} \times 1$

$\frac{1}{9} \times 7$

Equal to 1

$\frac{4}{5} \times 3$

$\frac{3}{4} \times 5$

$\frac{1}{7} \times 7$

$\frac{1}{3} \times 3$

Greater than 1

$\frac{4}{8} \times 6$

$\frac{2}{9} \times 5$

$\frac{6}{13} \times 5$

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a. $\frac{1}{3} \times 3$, $\frac{2}{3} \times 5$, $\frac{1}{5} \times 2$

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

$\frac{1}{3} \times 3 = \frac{3}{3}$ $\frac{2}{3} \times 5 = \frac{10}{3} = 3\frac{1}{3}$ $\frac{1}{5} \times 2 = \frac{2}{5}$

Secondly, you see that;

$\frac{3}{3}$ is equal to 1 $3\frac{1}{3}$ is greater 1 $\frac{2}{5}$ is less than 1

Finally, sort each in to their respective boxes.

Less than 1 $\frac{1}{5} \times 2$	Equal to 1 $\frac{1}{3} \times 3$	Greater than 1 $\frac{2}{3} \times 5$
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f. Sort out the fractions by matching or linking the boxes with lines.

