

HW
7/9/2021

E X 9 . 6

Date _____
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• Multiply

$$(e) \frac{5}{9} \times \frac{5}{12} \times \frac{24}{25}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{5}} \times 24^2}{9 \times \overset{1}{\cancel{12}} \times \overset{1}{\cancel{25}}}$$

$$= \frac{1 \times \cancel{5} \times 2}{9 \times 1 \times \cancel{5}}$$

$$= \frac{\cancel{10} \times 2}{9 \times 5}$$

$$(f) \frac{4}{5} \times \frac{1 \times \cancel{6}}{7} \times 0$$

$$= \frac{4 \times 1 \times \cancel{6} \times 0}{5 \times 7 \times 1}$$

$$= \frac{\cancel{24} \times 0}{35}$$

$$= 0$$

$$(g) \frac{1}{4} \times 2\frac{1}{2} \times \frac{4}{5} \times 3\frac{1}{2} \times \frac{4}{3}$$

~~$$\frac{1}{4} \times \frac{5}{2} \times \frac{4}{5} \times \frac{7}{2} \times \frac{4}{3}$$~~

$$= \frac{1}{4} \times \frac{5}{2} \times \frac{4}{5} \times \frac{7}{2} \times \frac{4}{3}$$

$$= \frac{1 \times 5 \times 4 \times 7 \times 4}{4 \times 2 \times 5 \times 2 \times 3}$$

$$= \frac{1 \times 1 \times 1 \times 7 \times 1}{1 \times 1 \times 1 \times 1 \times 3}$$

$$= \frac{7}{3}$$