

Name _____ raw scaled percent

Math 5 Trimester 2 Exam 1 (208 Points)
Multiply Fractions

- Answers must be fully reduced to count as correct. 8 points each.
- You do not have to convert improper fractions to mixed numebers.
- A. Perform each multiplication.

[1] $\frac{2}{3} \times \frac{5}{7}$

[2] $\frac{3}{5} \times \frac{2}{7}$

[3] $\frac{5}{3} \times \frac{7}{2}$

[4] $\frac{3}{5} \times \frac{2}{5}$

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

[6] $3 \times \frac{5}{7}$

→

■ B. Perform each multiplication.

[1] $\frac{7}{5} \times \frac{3}{14}$

[2] $\frac{5}{24} \times \frac{12}{7}$

[3] $\frac{4}{8} \times \frac{3}{5}$

[4] $\frac{4}{5} \times \frac{1}{12}$

[5] $\frac{3}{5} \times \frac{6}{7} =$

[6] $\frac{35}{36} \times \frac{6}{7}$

[7] $4 \times \frac{12}{16}$

[8] $\frac{4}{12} \times \frac{15}{19}$

→

$$[9] \frac{11}{23} \times \frac{46}{55} \times$$

$$[10] \frac{16}{35} \times \frac{7}{32} \times \frac{5}{23}$$

■ C. Perform each multiplication.

$$[1] \frac{113}{3} \times \frac{3}{5} \times \frac{5}{117}$$

$$[2] \frac{6}{10} \times \frac{77}{55}$$

$$[3] \frac{10}{35} \times \frac{20}{32}$$

$$[4] \frac{14}{222} \times \frac{111}{49} \times \frac{7}{2}$$

$$[5] \frac{5}{10} \times \frac{5}{15} \times \frac{5}{20}$$

$$[6] \frac{400}{1200} \times \frac{500}{1500}$$

→

$$[7] \quad \frac{8}{18} \times \frac{15}{20}$$

$$[8] \quad \frac{9}{14} \times \frac{21}{36} \times \frac{12}{7}$$

$$[9] \quad 12 \times \frac{5}{24} \times \frac{2}{35} \times \frac{49}{127}$$

$$[10] \quad 13 \times \frac{2}{27} =$$

Formulae

In[35]:= `a = 8.; {Table[Round[100i / a], {i, a, 0, -1}], 26 * a}`

Out[35]= `{{100, 88, 75, 62, 50, 38, 25, 12, 0}, 208.}`