

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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### Multiplying Fractions with Cross Canceling

1)  $\frac{8}{26} \times \frac{1}{3} =$

2)  $\frac{3}{7} \times \frac{2}{6} =$

3)  $\frac{15}{26} \times \frac{2}{3} =$

4)  $\frac{1}{2} \times \frac{1}{4} =$

5)  $\frac{8}{20} \times \frac{12}{15} =$

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

7)  $\frac{19}{25} \times \frac{6}{16} =$

8)  $\frac{12}{14} \times \frac{5}{22} =$

9)  $\frac{2}{3} \times \frac{6}{10} =$

10)  $\frac{11}{16} \times \frac{1}{4} =$



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## Multiplying Fractions with Cross Canceling

$$1) \quad \frac{8}{26} \times \frac{1}{3} = \frac{\overset{4}{\cancel{8}} \times 1}{\underset{13}{\cancel{26}} \times 3} = \frac{4}{39}$$

$$2) \quad \frac{3}{7} \times \frac{2}{6} = \frac{\overset{1}{\cancel{3}} \times \cancel{2}^1}{7 \times \underset{1}{\cancel{6}^2}} = \frac{1}{7}$$

$$3) \quad \frac{15}{26} \times \frac{2}{3} = \frac{\overset{5}{\cancel{15}} \times \cancel{2}^1}{\underset{13}{\cancel{26}} \times \underset{1}{\cancel{3}^2}} = \frac{5}{13}$$

$$4) \quad \frac{1}{2} \times \frac{1}{4} = \frac{1 \times 1}{2 \times 4} = \frac{1}{8}$$

$$5) \quad \frac{8}{20} \times \frac{12}{15} = \frac{\underset{5}{\cancel{20}} \times \overset{1}{\cancel{12}^3}}{\underset{5}{\cancel{15}^3} \times 8} = \frac{8}{25}$$

$$6) \quad \frac{2}{3} \times \frac{1}{2} = \frac{\overset{1}{\cancel{2}} \times 1}{3 \times \underset{1}{\cancel{2}}} = \frac{1}{3}$$

$$7) \quad \frac{19}{25} \times \frac{6}{16} = \frac{19 \times \cancel{6}^3}{25 \times \underset{8}{\cancel{16}^4}} = \frac{57}{200}$$

$$8) \quad \frac{12}{14} \times \frac{5}{22} = \frac{\overset{3}{\cancel{6}} \underset{7}{\cancel{12}} \times 5}{\underset{11}{\cancel{22}} \times \underset{2}{\cancel{14}^7}} = \frac{15}{77}$$

$$9) \quad \frac{2}{3} \times \frac{6}{10} = \frac{\overset{1}{\cancel{2}} \times \cancel{6}^2}{\underset{1}{\cancel{3}} \times \underset{5}{\cancel{10}^2}} = \frac{2}{5}$$

$$10) \quad \frac{11}{16} \times \frac{1}{4} = \frac{11 \times 1}{16 \times 4} = \frac{11}{64}$$

