

# Multiplying Fractions (J)

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

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

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

Calculate each product.

1.  $\frac{1}{3} \times 2\frac{3}{4} = \text{---} \times \text{---} = \text{---}$

11.  $1\frac{1}{3} \times \frac{2}{3} = \text{---} \times \text{---} = \text{---}$

2.  $2\frac{1}{2} \times \frac{1}{4} = \text{---} \times \text{---} = \text{---}$

12.  $3\frac{1}{8} \times \frac{1}{6} = \text{---} \times \text{---} = \text{---}$

3.  $\frac{2}{9} \times 2\frac{1}{3} = \text{---} \times \text{---} = \text{---}$

13.  $1\frac{3}{4} \times \frac{3}{8} = \text{---} \times \text{---} = \text{---}$

4.  $1\frac{5}{9} \times \frac{4}{9} = \text{---} \times \text{---} = \text{---}$

14.  $1\frac{5}{8} \times \frac{3}{7} = \text{---} \times \text{---} = \text{---}$

5.  $1\frac{1}{2} \times \frac{3}{7} = \text{---} \times \text{---} = \text{---}$

15.  $\frac{1}{5} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---}$

6.  $\frac{1}{5} \times 3\frac{2}{5} = \text{---} \times \text{---} = \text{---}$

16.  $\frac{2}{5} \times 1\frac{1}{5} = \text{---} \times \text{---} = \text{---}$

7.  $\frac{1}{9} \times 1\frac{2}{5} = \text{---} \times \text{---} = \text{---}$

17.  $\frac{1}{4} \times 3\frac{3}{4} = \text{---} \times \text{---} = \text{---}$

8.  $\frac{1}{2} \times 1\frac{2}{3} = \text{---} \times \text{---} = \text{---}$

18.  $\frac{1}{9} \times 2\frac{3}{7} = \text{---} \times \text{---} = \text{---}$

9.  $\frac{1}{6} \times 2\frac{5}{9} = \text{---} \times \text{---} = \text{---}$

19.  $\frac{1}{2} \times 1\frac{4}{5} = \text{---} \times \text{---} = \text{---}$

10.  $1\frac{4}{9} \times \frac{1}{6} = \text{---} \times \text{---} = \text{---}$

20.  $\frac{1}{6} \times 2\frac{1}{3} = \text{---} \times \text{---} = \text{---}$

## Multiplying Fractions (J) Answers

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

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

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

Calculate each product.

$$1. \frac{1}{3} \times 2\frac{3}{4} = \frac{1}{3} \times \frac{11}{4} = \frac{11}{12}$$

$$11. 1\frac{1}{3} \times \frac{2}{3} = \frac{4}{3} \times \frac{2}{3} = \frac{8}{9}$$

$$2. 2\frac{1}{2} \times \frac{1}{4} = \frac{5}{2} \times \frac{1}{4} = \frac{5}{8}$$

$$12. 3\frac{1}{8} \times \frac{1}{6} = \frac{25}{8} \times \frac{1}{6} = \frac{25}{48}$$

$$3. \frac{2}{9} \times 2\frac{1}{3} = \frac{2}{9} \times \frac{7}{3} = \frac{14}{27}$$

$$13. 1\frac{3}{4} \times \frac{3}{8} = \frac{7}{4} \times \frac{3}{8} = \frac{21}{32}$$

$$4. 1\frac{5}{9} \times \frac{4}{9} = \frac{14}{9} \times \frac{4}{9} = \frac{56}{81}$$

$$14. 1\frac{5}{8} \times \frac{3}{7} = \frac{13}{8} \times \frac{3}{7} = \frac{39}{56}$$

$$5. 1\frac{1}{2} \times \frac{3}{7} = \frac{3}{2} \times \frac{3}{7} = \frac{9}{14}$$

$$15. \frac{1}{5} \times 3\frac{1}{2} = \frac{1}{5} \times \frac{7}{2} = \frac{7}{10}$$

$$6. \frac{1}{5} \times 3\frac{2}{5} = \frac{1}{5} \times \frac{17}{5} = \frac{17}{25}$$

$$16. \frac{2}{5} \times 1\frac{1}{5} = \frac{2}{5} \times \frac{6}{5} = \frac{12}{25}$$

$$7. \frac{1}{9} \times 1\frac{2}{5} = \frac{1}{9} \times \frac{7}{5} = \frac{7}{45}$$

$$17. \frac{1}{4} \times 3\frac{3}{4} = \frac{1}{4} \times \frac{15}{4} = \frac{15}{16}$$

$$8. \frac{1}{2} \times 1\frac{2}{3} = \frac{1}{2} \times \frac{5}{3} = \frac{5}{6}$$

$$18. \frac{1}{9} \times 2\frac{3}{7} = \frac{1}{9} \times \frac{17}{7} = \frac{17}{63}$$

$$9. \frac{1}{6} \times 2\frac{5}{9} = \frac{1}{6} \times \frac{23}{9} = \frac{23}{54}$$

$$19. \frac{1}{2} \times 1\frac{4}{5} = \frac{1}{2} \times \frac{9}{5} = \frac{9}{10}$$

$$10. 1\frac{4}{9} \times \frac{1}{6} = \frac{13}{9} \times \frac{1}{6} = \frac{13}{54}$$

$$20. \frac{1}{6} \times 2\frac{1}{3} = \frac{1}{6} \times \frac{7}{3} = \frac{7}{18}$$