

## Multiplying Fractions (H)

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

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

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

Calculate each product.

1.  $\frac{1}{2} \times 1\frac{2}{3} =$

11.  $2\frac{4}{9} \times \frac{2}{7} =$

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

12.  $1\frac{3}{7} \times \frac{4}{9} =$

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

13.  $1\frac{1}{3} \times \frac{2}{5} =$

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

14.  $\frac{1}{2} \times 1\frac{1}{2} =$

5.  $\frac{1}{8} \times 3\frac{1}{4} =$

15.  $1\frac{8}{9} \times \frac{1}{2} =$

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

16.  $\frac{1}{4} \times 2\frac{1}{6} =$

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

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

8.  $\frac{1}{9} \times 3\frac{1}{5} =$

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

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

19.  $1\frac{2}{3} \times \frac{2}{7} =$

10.  $3\frac{1}{6} \times \frac{1}{8} =$

20.  $\frac{1}{5} \times 1\frac{1}{7} =$

## Multiplying Fractions (H) Answers

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

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

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

Calculate each product.

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

$$11. 2\frac{4}{9} \times \frac{2}{7} = \frac{22}{9} \times \frac{2}{7} = \frac{44}{63}$$

$$2. 1\frac{1}{6} \times \frac{5}{6} = \frac{7}{6} \times \frac{5}{6} = \frac{35}{36}$$

$$12. 1\frac{3}{7} \times \frac{4}{9} = \frac{10}{7} \times \frac{4}{9} = \frac{40}{63}$$

$$3. 2\frac{3}{5} \times \frac{2}{7} = \frac{13}{5} \times \frac{2}{7} = \frac{26}{35}$$

$$13. 1\frac{1}{3} \times \frac{2}{5} = \frac{4}{3} \times \frac{2}{5} = \frac{8}{15}$$

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

$$14. \frac{1}{2} \times 1\frac{1}{2} = \frac{1}{2} \times \frac{3}{2} = \frac{3}{4}$$

$$5. \frac{1}{8} \times 3\frac{1}{4} = \frac{1}{8} \times \frac{13}{4} = \frac{13}{32}$$

$$15. 1\frac{8}{9} \times \frac{1}{2} = \frac{17}{9} \times \frac{1}{2} = \frac{17}{18}$$

$$6. 1\frac{1}{2} \times \frac{1}{5} = \frac{3}{2} \times \frac{1}{5} = \frac{3}{10}$$

$$16. \frac{1}{4} \times 2\frac{1}{6} = \frac{1}{4} \times \frac{13}{6} = \frac{13}{24}$$

$$7. \frac{1}{3} \times 2\frac{2}{3} = \frac{1}{3} \times \frac{8}{3} = \frac{8}{9}$$

$$17. \frac{1}{4} \times 2\frac{3}{4} = \frac{1}{4} \times \frac{11}{4} = \frac{11}{16}$$

$$8. \frac{1}{9} \times 3\frac{1}{5} = \frac{1}{9} \times \frac{16}{5} = \frac{16}{45}$$

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

$$9. \frac{2}{3} \times 1\frac{2}{9} = \frac{2}{3} \times \frac{11}{9} = \frac{22}{27}$$

$$19. 1\frac{2}{3} \times \frac{2}{7} = \frac{5}{3} \times \frac{2}{7} = \frac{10}{21}$$

$$10. 3\frac{1}{6} \times \frac{1}{8} = \frac{19}{6} \times \frac{1}{8} = \frac{19}{48}$$

$$20. \frac{1}{5} \times 1\frac{1}{7} = \frac{1}{5} \times \frac{8}{7} = \frac{8}{35}$$