

## Estimating Multiplication of Fractions

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

Determine the answer using estimation.

Answers

1)  $2 \times 3 \frac{4}{9} =$       A.  $10 \frac{8}{9}$       B.  $5 \frac{8}{9}$       C.  $6 \frac{8}{9}$       D.  $4 \frac{8}{9}$

1. \_\_\_\_\_

2)  $4 \times 3 \frac{3}{5} =$       A.  $9 \frac{2}{5}$       B.  $14 \frac{2}{5}$       C.  $18 \frac{2}{5}$       D.  $19 \frac{2}{5}$

2. \_\_\_\_\_

3)  $8 \times 7 \frac{3}{5} =$       A.  $60 \frac{4}{5}$       B.  $65 \frac{4}{5}$       C.  $72 \frac{4}{5}$       D.  $66 \frac{3}{5}$

3. \_\_\_\_\_

4)  $4 \frac{7}{10} \times 9 =$       A.  $42 \frac{3}{10}$       B.  $47 \frac{7}{10}$       C.  $34 \frac{7}{10}$       D.  $27 \frac{3}{10}$

4. \_\_\_\_\_

5)  $5 \frac{5}{6} \times 9 =$       A.  $57 \frac{3}{6}$       B.  $43 \frac{3}{6}$       C.  $52 \frac{3}{6}$       D.  $44 \frac{5}{6}$

5. \_\_\_\_\_

6)  $8 \times 7 \frac{1}{2} =$       A.  $55 \frac{1}{2}$       B. 48      C. 72      D. 60

6. \_\_\_\_\_

7)  $4 \frac{2}{7} \times 2 =$       A.  $12 \frac{4}{7}$       B.  $11 \frac{4}{7}$       C.  $13 \frac{4}{7}$       D.  $8 \frac{4}{7}$

7. \_\_\_\_\_

8)  $4 \times 2 \frac{1}{7} =$       A.  $8 \frac{4}{7}$       B.  $7 \frac{1}{7}$       C.  $14 \frac{4}{7}$       D.  $6 \frac{4}{7}$

8. \_\_\_\_\_

9)  $8 \times 5 \frac{5}{6} =$       A.  $50 \frac{4}{6}$       B.  $37 \frac{5}{6}$       C.  $46 \frac{4}{6}$       D.  $49 \frac{4}{6}$

9. \_\_\_\_\_

10)  $3 \frac{3}{7} \times 9 =$       A.  $24 \frac{6}{7}$       B.  $26 \frac{3}{7}$       C.  $30 \frac{6}{7}$       D.  $18 \frac{6}{7}$

10. \_\_\_\_\_

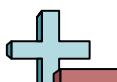
11)  $3 \times 8 \frac{3}{4} =$       A.  $26 \frac{1}{4}$       B.  $21 \frac{1}{4}$       C.  $29 \frac{3}{4}$       D.  $22 \frac{3}{4}$

11. \_\_\_\_\_

12)  $6 \times 7 \frac{5}{9} =$       A.  $49 \frac{5}{9}$       B.  $40 \frac{3}{9}$       C.  $45 \frac{3}{9}$       D.  $39 \frac{3}{9}$

12. \_\_\_\_\_

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								



## Estimating Multiplication of Fractions

Name: **Answer Key****Determine the answer using estimation.**

1)  $2 \times 3 \frac{4}{9} =$       A.  $10 \frac{8}{9}$       B.  $5 \frac{8}{9}$       C.  $6 \frac{8}{9}$       D.  $4 \frac{8}{9}$

**Answers**1. **C**

2)  $4 \times 3 \frac{3}{5} =$       A.  $9 \frac{2}{5}$       B.  $14 \frac{2}{5}$       C.  $18 \frac{2}{5}$       D.  $19 \frac{2}{5}$

2. **B**

3)  $8 \times 7 \frac{3}{5} =$       A.  $60 \frac{4}{5}$       B.  $65 \frac{4}{5}$       C.  $72 \frac{4}{5}$       D.  $66 \frac{3}{5}$

3. **A**

4)  $4 \frac{7}{10} \times 9 =$       A.  $42 \frac{3}{10}$       B.  $47 \frac{7}{10}$       C.  $34 \frac{7}{10}$       D.  $27 \frac{3}{10}$

4. **A**5. **C**

5)  $5 \frac{5}{6} \times 9 =$       A.  $57 \frac{3}{6}$       B.  $43 \frac{3}{6}$       C.  $52 \frac{3}{6}$       D.  $44 \frac{5}{6}$

6. **D**7. **D**

6)  $8 \times 7 \frac{1}{2} =$       A.  $55 \frac{1}{2}$       B. 48      C. 72      D. 60

8. **A**9. **C**10. **C**

7)  $4 \frac{2}{7} \times 2 =$       A.  $12 \frac{4}{7}$       B.  $11 \frac{4}{7}$       C.  $13 \frac{4}{7}$       D.  $8 \frac{4}{7}$

11. **A**12. **C**

8)  $4 \times 2 \frac{1}{7} =$       A.  $8 \frac{4}{7}$       B.  $7 \frac{1}{7}$       C.  $14 \frac{4}{7}$       D.  $6 \frac{4}{7}$

9)  $8 \times 5 \frac{5}{6} =$       A.  $50 \frac{4}{6}$       B.  $37 \frac{5}{6}$       C.  $46 \frac{4}{6}$       D.  $49 \frac{4}{6}$

10)  $3 \frac{3}{7} \times 9 =$       A.  $24 \frac{6}{7}$       B.  $26 \frac{3}{7}$       C.  $30 \frac{6}{7}$       D.  $18 \frac{6}{7}$

11)  $3 \times 8 \frac{3}{4} =$       A.  $26 \frac{1}{4}$       B.  $21 \frac{1}{4}$       C.  $29 \frac{3}{4}$       D.  $22 \frac{3}{4}$

12)  $6 \times 7 \frac{5}{9} =$       A.  $49 \frac{5}{9}$       B.  $40 \frac{3}{9}$       C.  $45 \frac{3}{9}$       D.  $39 \frac{3}{9}$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								