



## Estimating Multiplication of Fractions

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

Determine the answer using estimation.

Answers

1)  $2\frac{3}{4} \times 7 =$       A.  $7\frac{1}{4}$       B.  $19\frac{1}{4}$       C.  $23\frac{1}{4}$       D.  $12\frac{1}{4}$

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

2)  $2 \times 6\frac{2}{7} =$       A.  $12\frac{4}{7}$       B.  $11\frac{4}{7}$       C.  $9\frac{4}{7}$       D.  $16\frac{4}{7}$

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

3)  $5\frac{6}{10} \times 3 =$       A.  $14\frac{6}{10}$       B.  $21\frac{8}{10}$       C.  $12\frac{8}{10}$       D.  $16\frac{8}{10}$

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

4)  $4\frac{1}{8} \times 8 =$       A. 33      B. 30      C. 42      D.  $41\frac{1}{8}$

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

5)  $8 \times 3\frac{1}{2} =$       A. 35      B. 28      C. 16      D. 34

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

6)  $3 \times 2\frac{2}{9} =$       A.  $12\frac{6}{9}$       B.  $3\frac{6}{9}$       C.  $4\frac{6}{9}$       D.  $6\frac{6}{9}$

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

7)  $7 \times 4\frac{2}{3} =$       A.  $42\frac{2}{3}$       B.  $32\frac{2}{3}$       C.  $27\frac{2}{3}$       D.  $25\frac{2}{3}$

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

8)  $8\frac{1}{2} \times 3 =$       A.  $28\frac{1}{2}$       B.  $25\frac{1}{2}$       C.  $23\frac{1}{2}$       D.  $30\frac{1}{2}$

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

9)  $7\frac{2}{5} \times 8 =$       A.  $54\frac{1}{5}$       B.  $55\frac{2}{5}$       C.  $59\frac{1}{5}$       D.  $48\frac{1}{5}$

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

10)  $3\frac{7}{9} \times 8 =$       A.  $30\frac{2}{9}$       B.  $23\frac{2}{9}$       C.  $16\frac{2}{9}$       D.  $33\frac{2}{9}$

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

11)  $7\frac{1}{2} \times 9 =$       A.  $74\frac{1}{2}$       B.  $54\frac{1}{2}$       C.  $67\frac{1}{2}$       D.  $62\frac{1}{2}$

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

12)  $7 \times 5\frac{1}{4} =$       A.  $32\frac{3}{4}$       B.  $28\frac{3}{4}$       C.  $43\frac{1}{4}$       D.  $36\frac{3}{4}$

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)  $2\frac{3}{4} \times 7 =$       A.  $7\frac{1}{4}$       B.  $19\frac{1}{4}$       C.  $23\frac{1}{4}$       D.  $12\frac{1}{4}$

**Answers**1. **B**

2)  $2 \times 6\frac{2}{7} =$       A.  $12\frac{4}{7}$       B.  $11\frac{4}{7}$       C.  $9\frac{4}{7}$       D.  $16\frac{4}{7}$

2. **A**3. **D**

3)  $5\frac{6}{10} \times 3 =$       A.  $14\frac{6}{10}$       B.  $21\frac{8}{10}$       C.  $12\frac{8}{10}$       D.  $16\frac{8}{10}$

4. **A**5. **B**

4)  $4\frac{1}{8} \times 8 =$       A. 33      B. 30      C. 42      D.  $41\frac{1}{8}$

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

5)  $8 \times 3\frac{1}{2} =$       A. 35      B. 28      C. 16      D. 34

8. **B**9. **C**

6)  $3 \times 2\frac{2}{9} =$       A.  $12\frac{6}{9}$       B.  $3\frac{6}{9}$       C.  $4\frac{6}{9}$       D.  $6\frac{6}{9}$

10. **A**11. **C**

7)  $7 \times 4\frac{2}{3} =$       A.  $42\frac{2}{3}$       B.  $32\frac{2}{3}$       C.  $27\frac{2}{3}$       D.  $25\frac{2}{3}$

12. **D**

8)  $8\frac{1}{2} \times 3 =$       A.  $28\frac{1}{2}$       B.  $25\frac{1}{2}$       C.  $23\frac{1}{2}$       D.  $30\frac{1}{2}$

9)  $7\frac{2}{5} \times 8 =$       A.  $54\frac{1}{5}$       B.  $55\frac{2}{5}$       C.  $59\frac{1}{5}$       D.  $48\frac{1}{5}$

10)  $3\frac{7}{9} \times 8 =$       A.  $30\frac{2}{9}$       B.  $23\frac{2}{9}$       C.  $16\frac{2}{9}$       D.  $33\frac{2}{9}$

11)  $7\frac{1}{2} \times 9 =$       A.  $74\frac{1}{2}$       B.  $54\frac{1}{2}$       C.  $67\frac{1}{2}$       D.  $62\frac{1}{2}$

12)  $7 \times 5\frac{1}{4} =$       A.  $32\frac{3}{4}$       B.  $28\frac{3}{4}$       C.  $43\frac{1}{4}$       D.  $36\frac{3}{4}$

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