

Multiplying Mixed Numbers

Convert mixed numbers to improper fractions first, then multiply.

Grade: 5–6

Difficulty: ★★★ — Advanced

Problems: 15

Name: _____

Date: _____

Score: _____ / 15

Instructions: Convert each mixed number to an improper fraction. Multiply tops x tops and bottoms x bottoms. Simplify.

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

9. $2\frac{1}{6} \times 1\frac{1}{2} =$ _____

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

10. $1\frac{3}{5} \times 2\frac{1}{4} =$ _____

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

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

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

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

5. $1\frac{2}{3} \times 2\frac{1}{4} =$ _____

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

6. $3\frac{1}{4} \times 1\frac{1}{3} =$ _____

14. $2\frac{1}{4} \times 1\frac{3}{5} =$ _____

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

15. $1\frac{5}{6} \times 2\frac{1}{3} =$ _____

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

ANSWER KEY

1. 2 and 1/4

2. 3 and 1/2

3. 4 and 1/12

4. 3 and 1/2

5. 4 and 1/6

6. 4 and 1/3

7. 3 and 13/24

8. 3 and 1/8

9. 3 and 1/4

10. 3 and 3/5

11. 5

12. 3 and 1/3

13. 4

14. 3 and 3/5

15. 4 and 7/18