

Fractions: Multiplying Fractions & Mixed Numbers

Find each product. Reduce.

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

$$\frac{5}{8} \times \frac{6^2}{1} = \frac{10}{1} = 10$$

1. Change each mixed number to an improper fraction.
2. Multiply the numerators.
3. Multiply the denominators.
4. Reduce if possible.

TIP: You can reduce first by dividing a numerator and denominator by a common factor. This is called cross cancellation.

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

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

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

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

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

6. $3 \frac{4}{5} \times 2 \frac{3}{4}$

7. $8 \times \frac{5}{12}$

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

9. $\frac{6}{15} \times \frac{3}{4}$

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

11. $\frac{5}{6} \times \frac{3}{4}$

12. $3 \frac{1}{3} \times \frac{9}{10}$

13. $\frac{4}{9} \times \frac{3}{8}$

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

15. $2 \frac{1}{2} \times \frac{4}{3}$

16. $2 \frac{2}{3} \times 3 \frac{1}{2}$

17. $4 \times \frac{7}{8}$

18. $3 \frac{1}{10} \times 15$

19. $\frac{6}{7} \times \frac{1}{4}$

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



Think About It!

21. If the product of two different numbers equals 1, then one of the numbers is greater than one, and the other number is _____. Give an example to support your answer.