

Multiplying and Dividing Fractions Review

Examples:

1. $\frac{4}{5} \cdot \frac{2}{3}$

2. $\frac{4}{5} \div \frac{2}{3}$

3. $\frac{2}{7} \cdot \frac{3}{4}$

4. $\frac{2}{7} \div \frac{3}{4}$

Now you try...

5. $\frac{1}{4} \cdot \frac{3}{8}$

6. $\frac{1}{4} \div \frac{3}{8}$

7. $\frac{5}{9} \cdot \frac{2}{5}$

8. $\frac{5}{9} \div \frac{2}{5}$

How do we deal with mixed numbers????

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

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

11. $6 \cdot 3\frac{2}{5}$

12. $6 \div 3\frac{2}{5}$

13. $3\frac{1}{4} \cdot \frac{2}{5}$

14. $3\frac{1}{4} \div \frac{2}{5}$

15. $6\frac{1}{2} \cdot 2\frac{1}{3}$

16. $6\frac{1}{2} \div 2\frac{1}{3}$

17. A floor-cleaning solution is made using $\frac{1}{2}$ cup of ammonia for every 3 gallons of water. Distinguish how much ammonia you would need if you were making only one gallon of floor cleaner?
18. Lilly ran $\frac{9}{10}$ of a mile. Claire ran $\frac{3}{4}$ of what Lilly ran. Distinguish how far Claire ran?
19. Tyrone needs 8 pieces of cloth that are $3\frac{1}{2}$ feet long for decorations for the dance. Distinguish how much material he should buy?
20. Michael has $\frac{7}{8}$ of a pie left. Distinguish how many $\frac{1}{16}$ pieces he can cut from what he has now?
21. Martha is cutting rope into pieces for a craft project. The rope was $6\frac{1}{4}$ feet long, and there are $2\frac{1}{2}$ pieces. Distinguish how long each piece is?