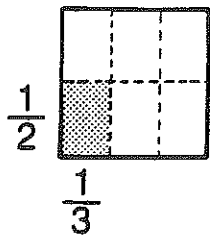
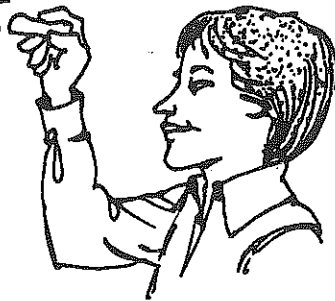


Basic Worksheet for 162-163

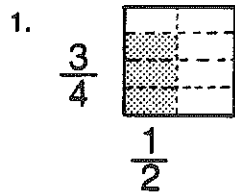


$$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$$

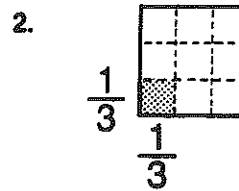


1/6 of the square has been shaded.

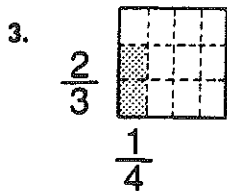
First study the picture.
Then give the product.



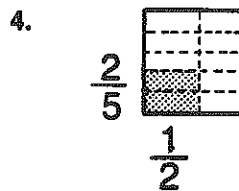
$$\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$$



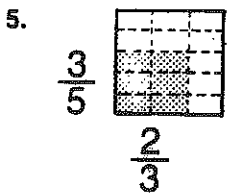
$$\frac{1}{3} \times \frac{1}{3} =$$



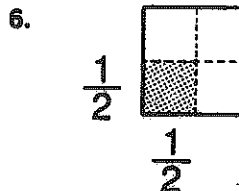
$$\frac{2}{3} \times \frac{1}{4} =$$



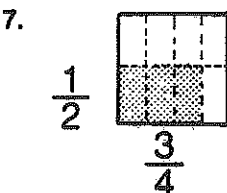
$$\frac{2}{5} \times \frac{1}{2} =$$



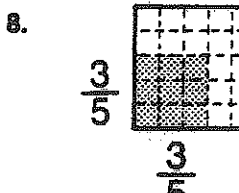
$$\frac{3}{5} \times \frac{2}{3} =$$



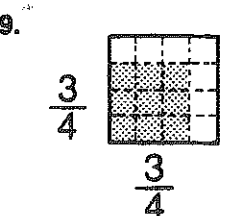
$$\frac{1}{2} \times \frac{1}{2} =$$



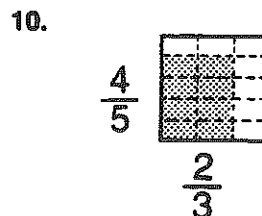
$$\frac{1}{2} \times \frac{3}{4} =$$



$$\frac{3}{5} \times \frac{3}{5} =$$



$$\frac{3}{4} \times \frac{3}{4} =$$



$$\frac{4}{5} \times \frac{2}{3} =$$

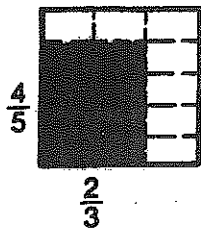
More about multiplication of fractions

To multiply two fractions:

Step 1. Multiply the numerators to get the numerator of the product.

Step 2. Multiply the denominators to get the denominator of the product.

Step 3. Give the product in simplest form.



$$\frac{4}{5} \times \frac{2}{3} = \frac{8}{15}$$

← product of numerators
← product of denominators

Multiply. Give each product in simplest form.

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

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

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

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

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

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

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

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

9. $\frac{3}{8} \times \frac{1}{2}$

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

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

12. $2 \times \frac{2}{3}$

13. $5 \times \frac{3}{4}$

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

15. $7 \times \frac{1}{2}$

16. $\frac{3}{4} \times 7$

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

18. $\frac{2}{5} \times \frac{4}{7}$

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

20. $\frac{2}{7} \times \frac{3}{4}$

21. $\frac{3}{8} \times \frac{2}{2}$

22. $\frac{5}{6} \times \frac{3}{3}$

23. $\frac{1}{3} \times \frac{4}{4}$

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

25. $\frac{3}{8} \times \frac{8}{3}$

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

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

28. $5 \times \frac{1}{5}$

29. $3 \times \frac{1}{3}$

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

31. $8 \times \frac{1}{8}$

32. $\frac{5}{6} \times \frac{6}{5}$

33. $\frac{9}{4} \times \frac{4}{9}$