

Practice 5-1

Multiplying Fractions

Draw a model to find each product.

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

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

Find each product.

3. $\frac{3}{5}$ of 10

4. $\frac{1}{4}$ of 12

5. $\frac{2}{3}$ of 6

6. $\frac{4}{5}$ of $\frac{5}{8}$

7. $\frac{5}{6}$ of $\frac{3}{8}$

8. $\frac{3}{5}$ of $\frac{1}{2}$

9. $\frac{3}{4}$ of 12

10. $\frac{2}{5}$ of 15

11. $\frac{3}{16}$ of 8

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

13. $\frac{3}{4} \times \frac{7}{8}$

14. $\frac{1}{3}$ of $\frac{2}{5}$

15. $\frac{3}{5}$ of $\frac{3}{4}$

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

17. $\frac{1}{8} \times \frac{3}{4}$

18. $\frac{2}{5} \times \frac{7}{11}$

19. $\frac{2}{3}$ of $\frac{1}{4}$

20. $\frac{2}{5} \cdot \frac{1}{2}$

21. $\frac{1}{4}$ of $\frac{4}{5}$

22. $\frac{5}{6} \cdot \frac{2}{5}$

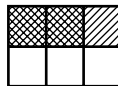
23. $\frac{2}{7}$ of $\frac{3}{5}$

24. $\frac{1}{3}$ of $\frac{9}{10}$

25. $\frac{1}{12} \times \frac{3}{4}$

26. $\frac{3}{10} \cdot \frac{3}{5}$

27. What product does the model represent?



Solve.

28. A kitten eats $\frac{1}{4}$ cup of cat food. Another cat in the same household eats 6 times as much. How much food does the cat eat?

29. You brought home $\frac{1}{2}$ of a can of paint. You then used $\frac{2}{3}$ of the paint to cover a table top. What fraction of a full can of paint did you use?
