

Practice 4-1

Multiplying Fractions and Mixed Numbers

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

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

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

9. $2\frac{5}{6} \cdot 1\frac{3}{4}$

10. $3\frac{3}{8} \cdot 7\frac{1}{4}$

11. $5\frac{3}{8} \times 2\frac{7}{8}$

12. $2\frac{3}{8} \cdot 4\frac{4}{5}$

13. $6\frac{7}{12} \times 5\frac{9}{10}$

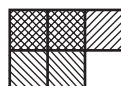
14. $7\frac{1}{3} \times 10\frac{11}{12}$

15. $12\frac{1}{4} \times 3\frac{3}{4}$

16. $8\frac{1}{6} \cdot 2\frac{1}{4}$

17. $15\frac{2}{3} \cdot 5\frac{5}{7}$

18. What product does the model represent?



Solve.

19. 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?

20. Ken used a piece of lumber to build a bookshelf. If he made three shelves that are each $2\frac{1}{2}$ ft long, how long was the piece of lumber?
