

Estimating Products

Estimate each product.

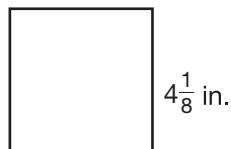
1. $2\frac{3}{8} \times \frac{1}{3}$ _____ 2. $6 \times 2\frac{1}{5}$ _____ 3. $\frac{6}{10} \times 5\frac{3}{4}$ _____
4. $3\frac{7}{9} \times 6\frac{2}{5}$ _____ 5. $2\frac{1}{2} \times 2\frac{1}{3}$ _____ 6. $\frac{7}{8} \times 4\frac{3}{8}$ _____
7. $27 \times \frac{3}{8}$ _____ 8. $\frac{1}{4} \times 17$ _____ 9. $\frac{3}{5} \times 51$ _____
10. $8\frac{4}{9} \times 3\frac{6}{7}$ _____ 11. $\frac{12}{15} \times 8$ _____ 12. $17 \times \frac{1}{2}$ _____
13. $\frac{1}{3} \times 2\frac{4}{10}$ _____ 14. $7\frac{5}{8} \times 2\frac{2}{3}$ _____ 15. $\frac{5}{12} \times 12$ _____

16. Show three ways to estimate $\frac{3}{5} \times 9\frac{1}{2}$. Identify each method you use.

17. Jenna lives $4\frac{3}{10}$ miles from school. She estimates that she travels $4 \times 2 \times 5$, or 40 miles each week. Is her estimate an overestimate or an underestimate? Explain.

18. Which benchmark fraction could you use to estimate the product of $36 \times \frac{11}{16}$? _____
19. **Estimation** Which is the best estimate for the area of a square with sides equal to $4\frac{1}{8}$ inches?

- A 6 sq in.
 B 12 sq in.
 C 16 sq in.
 D 20 sq in.



20. Bryce has 24 baseball trophies. Matt has $\frac{3}{4}$ as many trophies as Bryce. How many trophies does Matt have?
- A 6 trophies
 B 12 trophies
 C 18 trophies
 D 24 trophies