

Lesson 1 Skills Practice

Estimate Products of Fractions

Estimate each product.

1. $\frac{1}{5} \times 26$

2. $\frac{1}{2}$ of 17

3. $\frac{3}{4} \times 35$

4. $\frac{2}{3} \times 35$

5. $\frac{3}{7} \times 29$

6. $\frac{2}{9} \times 26$

7. $\frac{5}{8} \times 41$

8. $\frac{7}{8}$ of 30

9. $\frac{6}{11} \times 32$

10. $\frac{6}{7} \times \frac{1}{8}$

11. $\frac{1}{3} \times \frac{9}{11}$

12. $\frac{10}{11} \times \frac{1}{9}$

13. $\frac{5}{6}$ of $\frac{2}{7}$

14. $\frac{3}{5} \times \frac{6}{7}$

15. $\frac{7}{8} \times \frac{8}{9}$

16. $\frac{5}{9} \times \frac{1}{7}$

17. $\frac{1}{12} \times \frac{5}{9}$

18. $9 \frac{1}{8} \times \frac{1}{3}$

19. $2 \frac{4}{5} \times 5 \frac{1}{4}$

20. $4 \frac{1}{3} \times 3 \frac{7}{8}$

21. $6 \frac{3}{10} \times 4 \frac{7}{9}$

22. $3 \frac{1}{4} \times 7 \frac{7}{8}$

23. $6 \frac{7}{12} \times 8 \frac{5}{12}$

24. $7 \frac{2}{3} \times 9 \frac{3}{8}$

25. Estimate $\frac{4}{5}$ of 49.

26. Estimate the product of $2 \frac{4}{11}$ and $16 \frac{1}{5}$.

Lesson 2 Homework Practice

Multiply Fractions and Whole Numbers

Multiply. Write in simplest form.

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

2. $15 \times \frac{1}{3}$

3. $36 \times \frac{1}{9}$

4. $15 \times \frac{2}{3}$

5. $24 \times \frac{3}{8}$

6. $20 \times \frac{3}{4}$

7. $11 \times \frac{9}{10}$

8. $11 \times \frac{3}{4}$

9. $10 \times \frac{6}{7}$

10. $\frac{2}{5} \times 25$

11. $\frac{4}{6} \times 30$

12. $\frac{3}{4} \times 28$

13. $\frac{3}{7} \times 10$

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

15. $\frac{5}{6} \times 4$

16. **CHARITY** At a charity bike rally, $\frac{2}{3}$ of the student population of Heartsworth Middle School participated. If there are 1,200 students at Heartsworth, how many participated?

17. **ALLIGATORS** At a local river, there were 48 alligators laying on the riverbank. If $\frac{5}{6}$ of the alligators were asleep, how many were *not* asleep?

18. **GEOGRAPHY** The width of Florida is about $\frac{4}{5}$ of its length. If the length of Florida is about 450 miles, what is its approximate width?