

Name _____ Core _____ Date _____

2.1 Exercises



Vocabulary and Concept Check

1. **WRITING** Explain how to multiply two fractions.

2. **REASONING** Name the missing denominator.

$$\frac{3}{7} \times \frac{1}{\text{yellow box}} = \frac{3}{28}$$

3. **OPEN-ENDED** Write two mixed numbers between 3 and 4 that have a product between 9 and 12.

20. **ERROR ANALYSIS** Describe and correct the error in finding the product.



$$\frac{2}{5} \times \frac{3}{10} = \frac{4}{10} \times \frac{3}{10} = \frac{4 \times 3}{10} = \frac{12}{10} = 1\frac{1}{5}$$

22. **JUMP ROPE** You exercise for $\frac{3}{4}$ of an hour. You jump rope for $\frac{1}{3}$ of that time. What fraction of the hour do you spend jumping rope?

Multiply. Write the answer in simplest form.

34. $4\frac{3}{8} \times \frac{4}{5}$

36. $1\frac{3}{10} \times 18$

38. $1\frac{1}{6} \times 6\frac{3}{4}$

40. $5\frac{5}{7} \times 3\frac{1}{8}$

ERROR ANALYSIS Describe and correct the error in finding the product.

42.



$$4 \times 3\frac{7}{10} = 12\frac{7}{10}$$

44. **VITAMIN C** A vitamin C tablet contains $\frac{1}{40}$ of a gram of vitamin C. You take $1\frac{1}{2}$ tablets every day. How many grams of vitamin C do you take every day?
