Name: _____

Do You Know How?

In 7–14, find each reciprocal.

7. $\frac{3}{5}$ ☐/☐
8. $\frac{1}{6}$ ☐/☐
9. 9 ☐/☐
10. $\frac{7}{4}$ ☐/☐
11. $\frac{5}{8}$ ☐/☐
12. 16 ☐/☐
13. $\frac{7}{12}$ ☐/☐
14. $\frac{11}{5}$ ☐/☐

In 15–22, find each quotient.

15. $6 \div \frac{2}{3}$ ☐/☐ or 9
16. $12 \div \frac{3}{8}$ ☐/☐ or 32
17. $\frac{1}{4} \div 3$ ☐/☐
18. $\frac{2}{5} \div 2$ ☐/☐ or
19. $2 \div \frac{1}{2}$ ☐/☐ or 4
20. $3 \div \frac{1}{4}$ ☐/☐ or 12
21. $9 \div \frac{3}{5}$ ☐/☐ or 15
22. $5 \div \frac{2}{7}$ ☐/☐

Practice & Problem Solving

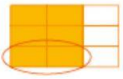
Leveled Practice **In 23 and 24, complete each division sentence.**

23. $6 \div$ ☐ $= 12$



The number line shows 6 wholes.

24. $\frac{2}{3} \div$ ☐ $= \frac{2}{9}$



In 25 and 26, find each quotient. Draw a diagram to help.

25. $\frac{3}{5} \div 3$

☐/☐

26. $2 \div \frac{2}{5}$

☐/☐

In 27–30, find each reciprocal.

27. $\frac{3}{10}$ ☐/☐
28. 6 ☐/☐
29. $\frac{1}{15}$ ☐/☐
30. 3 ☐/☐

In 31–38, find each quotient.

31. $36 \div \frac{3}{4}$ ☐/☐
32. $2 \div \frac{3}{8}$ ☐/☐
33. $18 \div \frac{2}{3}$ ☐/☐
34. $9 \div \frac{4}{5}$ ☐/☐
35. $\frac{1}{6} \div 2$ ☐/☐
36. $\frac{2}{3} \div 3$ ☐/☐
37. $\frac{3}{5} \div 2$ ☐/☐
38. $\frac{1}{4} \div 4$ ☐/☐

39. A worker is pouring 3 quarts of liquid into $\frac{3}{8}$-quart containers. How many of the containers can she fill? Write and solve a division equation.

☐/☐ ÷ ☐/☐ = ☐/☐



In 40–43, use the given information.



A snail can move 120 ft in $\frac{3}{4}$ h.



A tortoise can move 600 ft in $\frac{2}{3}$ h.



A sloth can move 250 ft in $\frac{5}{8}$ h.

40. **Higher Order Thinking** Without doing any calculations, how can you use the information given to tell which animal moves the fastest?

The _____ moves the fastest because it moved farther than the _____.

41. **Reasoning** The quotient $250 \div \frac{5}{8}$ tells about how far a sloth may move in one hour. How far can a sloth go in 90 minutes? Justify your reasoning.

LIVEWORKSHEETS