Lesson 6 Homework Practice

Divide Whole Numbers by Fractions

Find the reciprocal of each number.

1. $\frac{2}{7}$
2. $\frac{1}{9}$
3. $\frac{3}{8}$
4. $\frac{1}{2}$
5. $\frac{11}{12}$

Divide. Write in simplest form.

6. $2 \div \frac{1}{6}$
7. $2 \div \frac{2}{5}$
8. $3 \div \frac{1}{4}$

9. $4 \div \frac{1}{10}$
10. $2 \div \frac{1}{4}$
11. $8 \div \frac{2}{5}$

12. $6 \div \frac{4}{5}$
13. $7 \div \frac{5}{8}$
14. $13 \div \frac{3}{5}$

15. $10 \div \frac{4}{5}$
16. $14 \div \frac{7}{9}$
17. $14 \div \frac{5}{7}$

18. PARTY For a party, 20 sandwiches are being made. If each sandwich is cut into thirds, how many sandwich pieces are there?

19. PICNICKING An average ant is $\frac{1}{4}$ inch long. A picnic blanket is 72 inches long. How many ants long is the picnic blanket?

20. WIRE Carmen cuts a 60-inch-long wire into pieces that are $\frac{3}{4}$ inch long. How many pieces does she have?