Share and Show   Math Board

Divide. Use partial quotients. Write the remainder as a fraction.

1. $18\overline{)648}$

2. $62\overline{)3,186}$

3. $32,858 \div 57$

Math Talk

MTR 3.1 Complete tasks with mathematical fluency.

Explain what the greatest possible whole-number remainder is if you divide any number by 23.

On Your Own

Divide. Use partial quotients. Write the remainder as a fraction.

4. $73\overline{)584}$

5. $51\overline{)1,831}$

6. $82\overline{)2,964}$

7. $892 \div 26$

8. $61,056 \div 48$

9. $12,950 \div 67$

Copy and divide. Use partial quotients. Write the remainder as a fraction.

10. $653 \div 42$

11. $946 \div 78$

12. $412 \div 18$

13. $871 \div 87$

14. $1,544 \div 34$

15. $2,548 \div 52$

16. $92,740 \div 83$

17. $4,135 \div 66$

18. The 5th grade is having a picnic this Friday. There will be 182 students and 274 adults. Each table seats 12 people. How many tables are needed?

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Use the table to solve Problems 19–22.

19. How many years would it take for a person in the United States to eat 855 pounds of apples?

_____

20. How many years would it take for a person in the United States to eat 1,120 pounds of turkey?

_____

21. If 6 people in the United States each eat the average amount of popcorn for 5 years, how many quarts of popcorn will they eat?
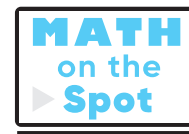
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22. **MTR** In the United States, a person eats more than 40,000 pounds of bread in a lifetime if he or she lives to be 80 years old. Does this statement make sense, or is it nonsense? Explain.

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_____

Each year each person in the U.S. eats about…
- 68 quarts of popcorn
- 53 pounds of bread
- 19 pounds of apples
- 14 pounds of turkey

23. In a study, 9 people ate a total of 1,566 pounds of potatoes in 2 years. If each person ate the same amount each year, how many pounds of potatoes did each person eat in 1 year?

_____

MATH on the ▶ Spot

24. Nyree divided 495 by 24 using partial quotients. Find the quotient and remainder. Explain your answer using numbers and words.

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$24\overline{)495}$