

Name

Independent Practice

Estimate by rounding. Show how you estimated.

2. $121 \div 42$

3. $400 \div 23$

4. $642 \div 83$

5. $28 \overline{)597}$

6. $38 \overline{)244}$

7. $24 \overline{)943}$

Estimate using compatible numbers. Show how you estimated.

8. $653 \div 52$

9. $208 \div 51$

10. $300 \div 59$

11. $32 \overline{)619}$

12. $43 \overline{)847}$

13. $34 \overline{)272}$



Problem Solving

14. There are 598 goldfish divided equally among 23 fish tanks. About how many goldfish are in each tank?

15. The area of a rectangle is 138 square meters, and the length is 21 meters. About how many meters long is the width?

16. **Mathematical PRACTICE 1** **Check for Reasonableness** A box of cereal contains 340 grams of carbohydrates. If there are 12 servings, about how many grams are there in one serving? Show how you estimated. Explain why your answer is reasonable.

HOT Problems

17. **Mathematical PRACTICE 3** **Which One Doesn't Belong?** Circle the equation that is not a reasonable estimate for $533 \div 57$.

$$540 \div 60 = 9$$

$$500 \div 50 = 10$$

$$550 \div 55 = 10$$

$$420 \div 60 = 7$$

18. **?** **Building on the Essential Question** Explain when it would be useful to estimate.

