Name _____

Chapter Review

1. Choose the numbers that make the sentence true.
   Using compatible numbers, the quotient of $2{,}150 \div 43$

   is between | 40 and 50
   400 and 500
   50 and 60
   500 and 600

2. For 2a–2d, select True or False to indicate whether
   the product is correct.

   2a. $2{,}546 \times 78 = 198{,}588$ ○ True   ○ False

   2b. $154 \times 289 = 44{,}506$ ○ True   ○ False

   2c. $98 \times 76 = 76{,}448$ ○ True   ○ False

   2d. $6{,}439 \times 821 = 528{,}649$ ○ True   ○ False

3. Divide. Use partial quotients. Show your work.

   $31{,}158 \div 24$

4. Estimate the quotient of 42,576 ÷ 68.

    4a. Show how you use compatible numbers to get two estimates.

    4b. Explain how you know which is the better estimate.

    _____

    _____

5. Estimate. Then find the product.

Estimate: _____

$$\begin{array}{r} 5{,}601 \\ \times \quad 87 \\ \hline \end{array}$$

6. Jeffery wants to save the same amount of money each week to buy a new bike. He needs $252. If he wants the bike in 14 weeks, how much money should Jeffery save each week?

$ _____

7. Sofia built a block tower that was 1,006 millimeters tall. The height of each block was 22 millimeters. About how many blocks did Sofia use?

about _____ blocks

8. Darnel divided 575 by 14 by using partial quotients. What is the quotient? Explain your answer using numbers and words.

$$14\overline{)575}$$
$$-\ \boxed{} \qquad 10 \times 14 \quad \vdots \quad 10$$
$$435$$

_____

_____

_____

9. For 9a–9c, choose Yes or No to indicate whether the statement is correct.

9a. $623 \div 17$ is $36\frac{11}{17}$.   ○ Yes   ○ No

9b. $9{,}457 \div 61$ is $155\frac{2}{61}$.   ○ Yes   ○ No

9c. $13{,}657 \div 28$ is $177\frac{1}{8}$.   ○ Yes   ○ No

10. Divide. Draw a quick picture.

$156 \div 12 = \boxed{}$

☐ = 100 | = 10   ○ = 1

11. There are 165 students at theater camp. There are 11 groups. If the same number of students is in each group, how many students are in each group? Draw a quick picture to solve.

_____ students

12. Choose the compatible numbers that will give the best estimate for 429 ÷ 36.

○ 300		○ 60
○ 350	and	○ 50
○ 440		○ 40

13. Raquelle earns $16 per hour. For 13a-13d, select True or False for each statement

13a. Raquelle earns $46 for 30 hours of work.
○ True   ○ False

13b. Raquelle earns $384 for 24 hours of work.
○ True   ○ False

13c. After she has worked 168 hours, Raquelle will have earned $672.
○ True   ○ False

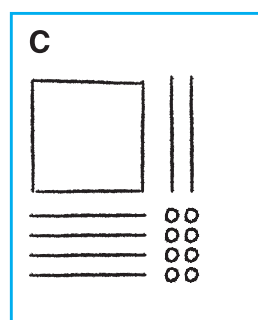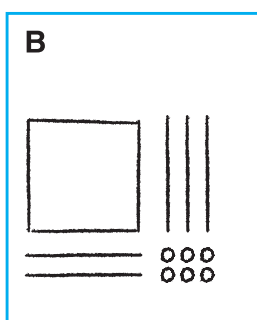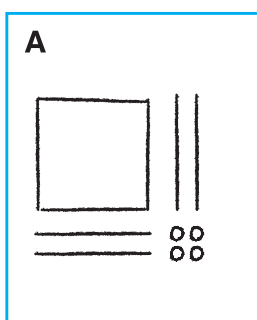**13d.** If she works 1,397 hours this year, she will make $22,352.
○ True   ○ False

14. Lindsey earns $33 per day at her part-time job. Complete the table to show the total amount Lindsey earns.

Lindsey's Earnings	
Number of Days	Total Amount
3	
8	
14	

15. Write the letter for each quick picture under the division problem it represents.

$156 \div 12 = 13$

$168 \div 12 = 14$

$144 \div 12 = 12$

16. Jean Claude's factory produces 1,840 cases of pencils daily. How many cases can the factory produce in 180 days?

_____ pencils

17. Rasheed needs to save $231. To earn money, he plans to wash cars and charge $12 per car. Write two estimates Rasheed could use to determine how many cars he needs to wash.

18. Shiloh tracks her sleeping patterns and finds that she sleeps an average of 479 minutes each night.

18a. How many minutes of sleep does she get in 4 weeks?

_____ minutes

18b. About how many hours is this? (Hint: There are 60 minutes in a hour.)
about _____ hours

19. The Pico family made 24,784 ounces of vinegar. The vinegar is packaged into 16-ounce bottles. How many bottles of vinegar can they fill?

_____ bottles