1. Choose the word that makes the sentence true.
The first digit in the whole-number quotient of 6,523 ÷ 7

will be placed in the

ones
tens
hundreds
thousands

place.

2. For numbers 2a–2d, select True or False to indicate whether the whole-number quotient is correct.

2a. 762 ÷ 3 = 254   ○ True   ○ False

2b. 248 ÷ 8 = 31   ○ True   ○ False

2c. 364 ÷ 4 = 91   ○ True   ○ False

2d. 128 ÷ 8 = 14   ○ True   ○ False

3. Michelle is checking a division problem by doing the following:

```
    128
 ×    7
    896
 +    3
    899
```

What problem is Michelle checking?

GO ON

4. Rebecca's teacher wrote the division problem on the board. Using the vocabulary box, label the parts of the division problem. Then, using the vocabulary, explain how Rebecca can check whether her teacher's whole-number quotient is correct.

| whole-number quotient | divisor | dividend |

$$6\overline{)492}^{\,82}$$

5. Jason says the quotient 517 ÷ 5 is 103 r2. Use multiplication to show if Jason's answer is correct.

6. Jessie wants to save the same amount of money each week for a trip. He needs $3,060. If the trip is 36 weeks away, how much money should Jessie save each week?

$ _____

7. Robin is having a dinner party for 135 people at her favorite restaurant. If 9 people can be seated at each table, how many tables are there?

_____ tables

GO ON

8. Divide 986 by 26 by using partial quotients. What is the quotient? Explain your answer using numbers and words.

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

9a. $1{,}289 \div 22$ is 58 r13.　　　○ Yes　　○ No

9b. $189 \div 17$ is 11 r2.　　　○ Yes　　○ No

9c. $1{,}427 \div 13$ is 190 r1.　　　○ Yes　　○ No

10. Divide. Draw a quick picture.

$143 \div 11 =$ [　　]

[　　] = 100　　| = 10　　⊙ = 1

11. Divide. Show your work.

27)‾2,356

12. Choose the compatible numbers that will give the best estimate for 589 ÷ 58.

500
580
600

and

20
58
100

13. Quincy needs 322 yards of ribbon to decorate quilts for a craft fair. The ribbon comes in rolls of 15 yards.

Part A

How many rolls of ribbon should Quincy buy?
Explain your answer.

Part B

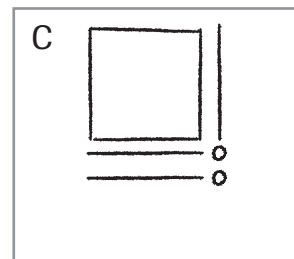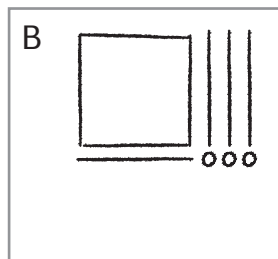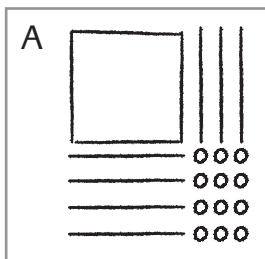Alice needs twice as many yards of ribbon as Quincy.
How many rolls of ribbon does Alice need? Explain your answer.

GO ON

14. Jeannette and Leslie are trying to solve this problem:
A camp counselor has a list of 134 campers who signed
up for art class. The counselor can place 8 students in each
class. How many classes does the counselor need to have?

Jeannette says the counselor needs to have 16 classes. Leslie
says the counselor needs to have 17 classes. Which student is
correct? Explain your reasoning.

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

A	B	C

132 ÷ 12 = 11	143 ÷ 11 = 13	182 ÷ 14 = 13

16. Anthony has 115 books in his room. He is storing them in
boxes. Each box holds 17 books. How many boxes does Anthony
need?

_____ boxes

GO ON

17. Keesha needs to save $331. To earn money, she plans to babysit and charge $11 per hour. Write two estimates Keesha could use to determine how many hours she needs to babysit.

18. Stephen has a dog that weighs 5 times as much as Ian's dog. The total weight of both dogs is 72 pounds. How much does Stephen's dog weigh?

Draw a diagram to find the weight of Stephen's dog.

19. Claudia estimates the first digit in the whole-number quotient.

$$88\overline{)2{,}898}$$ with 4 above

Claudia's estimate is [too high / too low] .