1. Kelli and her family went to the beach for vacation. They drove 293 miles in 7 hours to get there. If they drove the same number of miles each hour, about how many miles did they drive each hour? Select the numbers the whole-number quotient is between.

(A) 40   (B) 50   (C) 60   (D) 70   (E) 80

2. Between which two numbers is the whole-number quotient of 88 ÷ 5? Write the numbers in the boxes.
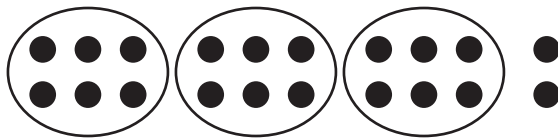
5   10   15   20   25

The whole-number quotient is between ☐ and ☐.

3. Look at the model. What division does it show?

_____ _____ ⟶ _____ r _____

4. For 4a–4d, choose Yes or No to tell whether the division sentence has a remainder.

4a. 32 ÷ 4   ○ Yes   ○ No

4b. 41 ÷ 3   ○ Yes   ○ No

4c. 65 ÷ 4   ○ Yes   ○ No

4d. 36 ÷ 9   ○ Yes   ○ No

GO ON

5. The harbormaster decides how many trips the ferry needs to make for 37 cars. The ferry can carry 8 cars at a time. What is the best way to interpret the remainder of 37 ÷ 8 so that all cars can cross the harbor?

_____

6. Kira makes 93 greeting cards for a craft fair. She sells the cards in packs of 5. How many full packs of greeting cards does Kira make?

_____ packs

7. A kennel is moving 160 dogs to a new facility. Each dog has its own crate. The facility manager rents 17 trucks. Each truck holds 9 dogs in their crates.

Part A

Write a division problem that can be used to find the number of trucks needed to carry the dogs in their crates. Then solve.

Part B

What does the remainder mean in the context of the problem?

Part C

How can you use your answer to determine if the facility manager rented enough trucks? Explain.

8. Solve.

$4{,}500 \div 9 =$ _____

GO ON

9. Which quotients are equal to 600? Mark all that apply.

(A) 1,200 ÷ 2   (C) 2,400 ÷ 4   (E) 420 ÷ 7

(B) 180 ÷ 3   (D) 3,000 ÷ 5   (F) 6,000 ÷ 3

10. Liz estimated 228 ÷ 7 to be between 30 and 40. Which basic facts did she use to help her estimate? Mark all that apply.

(A) 20 ÷ 5   (B) 21 ÷ 7   (C) 28 ÷ 7   (D) 30 ÷ 5

11. Amanda and her four sisters divided 1,021 stickers equally. About how many stickers did each girl receive?

_____

12. For numbers 12a–12d, choose Yes or No to show how to use the Distributive Property to break apart the dividend to find the quotient 128 ÷ 4.

		Yes	No
12a.	(100 ÷ 4) + (28 ÷ 4)	○ Yes	○ No
12b.	(103 ÷ 4) + (25 ÷ 4)	○ Yes	○ No
12c.	(64 ÷ 4) + (64 ÷ 4)	○ Yes	○ No
12d.	(12 ÷ 4) + (28 ÷ 4)	○ Yes	○ No

13. There are 48 people waiting for a fishing tour. Each boat holds 12 people. Rodney used the work below to find the number of boats needed. Explain how Rodney's work can be used to find the number of boats needed.

```
   12)48
     −12
      36
     −12
      24
     −12
      12
     −12
       0
```

GO ON

14. A science show brings along everything it needs for a show in big trucks.

Part A

The science show sets up chairs in rows with 8 seats in each row. How many rows will need to be set up if 456 people are expected to attend the show?

_____ rows

Part B

Can the rows be divided into a number of equal sections? Explain how you found your answer.

```
┌──────────────────────────────────────────────┐
│                                              │
│                                              │
│                                              │
│                                              │
└──────────────────────────────────────────────┘
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Part C

The lizards in the show eat about 250 crickets per week. About how many crickets do the lizards eat each day? Explain.

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┌──────────────────────────────────────────────┐
│                                              │
│                                              │
│                                              │
│                                              │
└──────────────────────────────────────────────┘
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15. Sylvia plans to place 617 stamps in an album. Each page of the album holds 5 stamps. She uses division to find out how many full pages she will have. In what place is the first digit of the whole-number quotient?
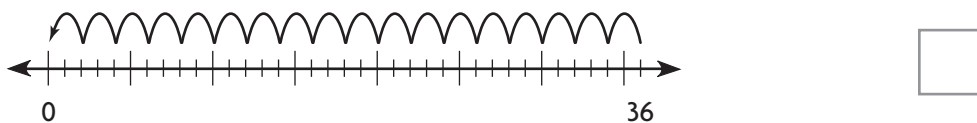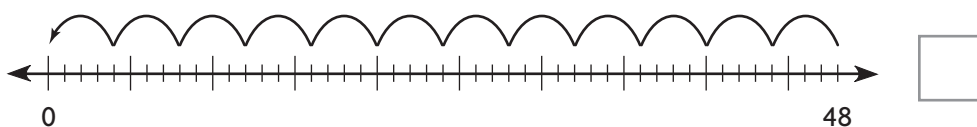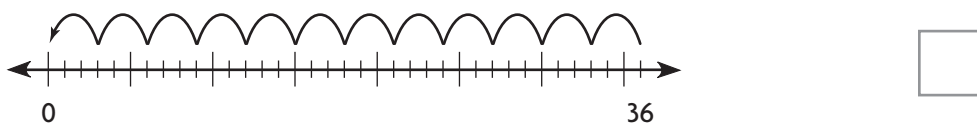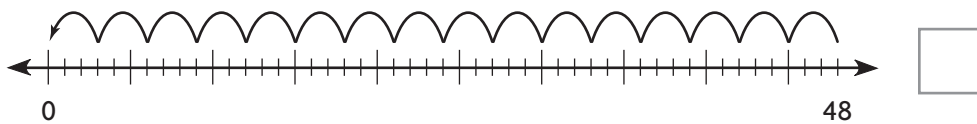
GO ON

16. Which model matches each expression? Write the letter in the box next to the model.

(A) 36 ÷ 3   (B) 48 ÷ 3   (C) 36 ÷ 2   (D) 48 ÷ 4

0   48   ☐

0   36   ☐

0   48   ☐

0   36   ☐

17. Diego bought 488 frozen yogurt bars in 4 different flavors for a party. He bought the same number of each flavor. How many of each flavor did he buy?

_____ bars of each flavor

18. Use partial quotients. Fill in the blanks.

7)749

− ☐   100 × 7   ☐
☐
− ☐   7 × 7   + ☐
☐

GO ON

19. Ethan needs to divide these base-ten blocks into 3 equal groups.
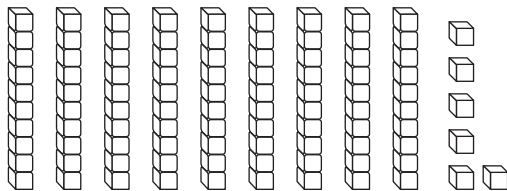
Draw or describe the model to show how many are in each group.

20. Jake wants to distribute 543 marbles equally among 7 of his friends. In which place is the first digit of the whole-number quotient? Choose the word that makes the sentence true.

The first digit of the whole-number quotient is in the

ones
tens   place.
hundreds
thousands

21. Chad bought 8 dozen note pads for his office. The note pads were divided equally into 6 boxes. How many note pads are in each box?

_____ note pads

22. There are 126 seats in a meeting room. There are 9 seats in each row. There are 90 people seated, filling up full rows of seats. How many rows are empty?

STOP

_____ rows