

Fill in the bubble completely to show your answer.



19. A book publishing company is shipping an order of 300 books. The books are packaged in boxes that each can hold 24 books. How many boxes are needed to ship the order of books? (CC.5.NBT.6)
- A 10
- B 11
- C 12
- D 13
20. Richard is planning a trip to Italy. He thinks he will need \$2,750 for the trip. If the trip is 40 weeks away, which is the best estimate of how much money Richard needs to save each week? (CC.5.NBT.6)
- A \$60
- B \$70
- C \$600
- D \$700
21. A school club raises \$506 to spend on a field trip. There are 23 people going on the trip. How much money did the club raise for each person going? (CC.5.NBT.6)
- A \$27
- B \$22
- C \$18
- D \$12
22. A local orange grower processes 2,330 oranges from his grove this year. The oranges are packaged in crates that each hold 96 oranges. All but one crate is full. How many oranges are in this last crate? (CC.5.NBT.6)
- A 24
- B 25
- C 26

23. On Monday, 1,900 bottles of perfume are delivered to a warehouse. The bottles are packed in boxes. Each box can hold 32 bottles. How many boxes were delivered? Explain how you found your answer. (CC.5.NBT.6)

60 boxes; Possible explanation: I need to divide 1,900 by 32, which is 59 r12. That means the bottles will completely fill 59 boxes, but there will be 12 bottles left over. These would be packed in another box, which makes a total of 60 boxes.

► Performance Task (CC.5.NBT.6)

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

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

22 rolls; Possible explanation: I need to divide 322 by 15. The answer is 21 r7. Since he can't buy a part of a roll, I need to add 1 to the quotient. So, the final answer is 22.

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

43 rolls; Possible explanation: Twice the length of 322 yards is 644 yards. If I divide 644 by 15, the answer is 42 r14. Alice needs to buy 43 rolls of ribbon. The remainder doubled is still less than the amount in 1 roll.

C Elena needs yellow, red, and blue ribbon. She needs 285 yards of the three colors combined. Suggest numbers of rolls of each color that would give her enough ribbon. (HINT: Break apart the 285 yards. Answers will vary. Sample answers are given.)

Sample 1: If Elena wants the same amounts, she will need 95 yards of each color. 95

divided by 15 is 6 r5, so she will need 7 rolls of each color.

Sample 2: If she wants 100 yards of yellow, 100 yards of red, and 85 yards of blue, she will need 7 rolls of yellow, 7 rolls of red, and 6 rolls of blue.