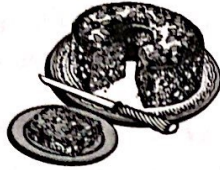


Answer the following questions in your notebook.

1. A class paid \$20 for a cake and \$4 per child for a slice of pizza.

They paid \$140.

How many children are in the class?



2. Make as many 3-digit numbers as you can using the digits 5, 1, and 0. (Use each digit once).

Which of your numbers are divisible by...

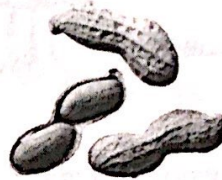
- a) 2
- b) 5
- c) 10
- d) 3

3. A number has...

- remainder 2 when divided by 3
- remainder 4 when divided by 5

What is the number?

4. Raj wants to divide 24 apricots, 64 raisins, and 56 peanuts evenly into packets (with no food left over).



What is the greatest number of packets he can make? Explain.

In questions below, you will have to interpret what the remainder means.

Example: Cindy wants to put 64 cookies onto trays. Each tray holds 5 cookies.

How many trays will she need?

$$64 \div 5 = 12 \text{ remainder } 4$$

She will need 13 trays (because she needs a tray for the four leftover cookies).

5. A car can hold 5 passengers.

How many cars will 29 passengers need?



6. Manu colours 4 pictures in her picture book every day.

How many days will she take to colour 50 pictures?

7. Jay shares 76 plums as evenly as possible among 9 friends.

How many plums does each friend get?



8. Siru wants to place her stamps in an album.

Each page holds 9 stamps.

How many pages will she need for 95 stamps?

NS5-43: Concepts in Multiplication and Division

Answer the following questions in your notebook.

1.



A bus carries 36 students.
How many students can 25 buses carry?

3. If 2 pencils cost 17¢, how much will 8 pencils cost? Show your work.

5. A tiger beetle is the fastest land insect. It can scuttle 9 km in an hour.

How many metres could it crawl in half an hour?



7. What is the least number of whole apples that can be shared equally among 2, 3, or 4 people?

9. Nandita ran 24 laps of her school track. The track is 75 metres long.

- How far has she run?
- How much further must she run if she wants to run 2000 metres?
- About how many extra laps must she run?

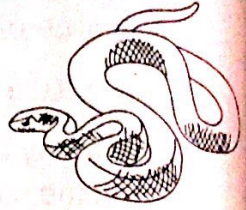
11. What digit could be in the box? Explain.

569 ÷ 6 is about 400.

2. A racer snake lays at least 3 eggs and no more than 40 eggs.

What is the least number of eggs 6 snakes would lay?

What is the greatest number?



4. How much do 7 books cost at \$19 per book?

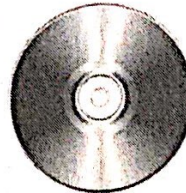
6. Create a division problem to go with the expression below.

$$72 \div 8$$

8. a) Alice is between 20 and 40 years old. Last year, her age was a multiple of 4. This year, her age is a multiple of 5. How old is Alice?

b) George is between 30 and 50 years old. Last year, his age was a multiple of 6. This year it is a multiple of 7. How old is George?

10.



If 3 CDs cost \$23, how would you calculate the cost of 12 CDs?

12. Three letter carriers delivered a different number of letters in 1 week:

- Carl: 2 624 letters
- Sally: 1 759 letters
- Selma: 3 284 letters

Did any one letter carrier deliver more than half of all the letters?