

Revision worksheet (2) | The Primary Stage of Grades (4-5)

2023-2024

Name: Key

Subject: Math

Date: / /

Class: Grade 4 CP (All Sections)

1) Fill in the missing numbers showing your work.

a) $2357 + \boxed{2347} = 4704$ ^{Total}

$4704 - 2357 =$

f) $14000 \div \boxed{70} = 200$ ^{drop zero}

$14 \div 2 = 7$

b) $\boxed{5530} - 3846 = 1684$ ^{Total}

$$\begin{array}{r} 1684 \\ + 3846 \\ \hline 5530 \end{array}$$

g) $\boxed{8000} \times 30 = 240000$ ^{Use inverse operation}

$24 \div 3 = 8$ then drop

c) $8406 - \boxed{2498} = 5908$

$8406 - 5908 = 2498$

h) $32000 \div \boxed{20} = 1600$

$16 \times \underline{\quad} = 32$

d) $\boxed{36800} \div \boxed{100} = \boxed{368}$

$20000 \div 400 = 50$

i) $\boxed{50} \times 400 = \boxed{20000}$

$5 \times 4 = 20$

check ans. $50 \times 400 = 20000$

e) $\boxed{8560} \times 10 = 85600$

$85600 \div 10 = 8560$

j) $69000 \div \boxed{100} = 690$

or $69000 \div 690 = 100$

2) Fill in the blanks with $>$ or $<$ or $=$ to make the following statements true. Showing your work

<p>a) 400×60 $=$ 80×300</p> <p><u>24000</u> <u>24000</u></p>	<p>b) 40^2 $>$ 40×20</p> <p><u>40x40</u> <u>800</u></p> <p>1600</p>
<p>c) $3000 \div 50$ $<$ 300×20</p> <p><u>60</u> <u>6000</u></p>	<p>d) 600×70 $>$ $7000 \div 100$</p> <p><u>42000</u> <u>70</u></p>
<p>e) $2500 \div 10$ $=$ 50^2</p> <p><u>250</u> <u>50x50</u></p> <p>2500</p>	<p>f) $7200 \div 90$ $<$ 80×90</p> <p><u>720</u> <u>7200</u></p> <p>80</p>

3) Find the following.

a) The sum of 36985 and 8420

$$\begin{array}{r}
 \overset{1}{\textcircled{1}} \overset{\textcircled{1}}{\textcircled{1}} \\
 36985 \\
 + 8420 \\
 \hline
 45,405
 \end{array}$$

b) The product of 482 and 63

$$\begin{array}{r}
 \textcircled{4} \textcircled{2} \textcircled{1} \\
 482 \\
 \times 63 \\
 \hline
 \textcircled{1} 1446 \\
 + \textcircled{1} 28920 \\
 \hline
 30,366
 \end{array}$$

c) The difference between 5073 and 3974

$$\begin{array}{r}
 \textcircled{1} \\
 45073 \\
 - 3974 \\
 \hline
 1,099
 \end{array}$$

d) The product of 348 and 96

$$\begin{array}{r}
 \textcircled{4} \textcircled{2} \textcircled{4} \textcircled{7} \\
 348 \\
 \times 96 \\
 \hline
 \textcircled{1} 2088 \\
 + 31320 \\
 \hline
 33,408
 \end{array}$$

e) The product of 796 and 58

$$\begin{array}{r}
 \textcircled{4} \textcircled{7} \textcircled{4} \textcircled{3} \\
 796 \\
 \times 58 \\
 \hline
 \textcircled{1} \textcircled{1} 6368 \\
 + 39800 \\
 \hline
 46,168
 \end{array}$$

f) The quotient of 248 and 6

$$\begin{array}{r}
 \times 41 \\
 6 \overline{) 248} \\
 \underline{- 24} \\
 008 \\
 \underline{- 6} \\
 2
 \end{array}$$

(÷)
g) The quotient of 696 and 5

$$\begin{array}{r} \times 139 \\ 5 \overline{) 696} \\ \underline{-5} \\ 19 \\ \underline{-15} \\ 46 \\ \underline{-45} \\ 01 \end{array}$$

(÷)
h) The quotient of 104 and 3

$$\begin{array}{r} \times 34 \\ 3 \overline{) 104} \\ \underline{-9} \\ 14 \\ \underline{-12} \\ 2 \end{array}$$

(÷)
i) The quotient of 257 and 7

$$\begin{array}{r} \times 36 \\ 7 \overline{) 257} \\ \underline{-21} \\ 47 \\ \underline{-42} \\ 5 \end{array}$$

(÷)
j) The quotient of 459 and 8

$$\begin{array}{r} \times 57 \\ 8 \overline{) 459} \\ \underline{-40} \\ 059 \\ \underline{-56} \\ 3 \end{array}$$

(×)
k) The product of 987 and 8

$$\begin{array}{r} \textcircled{6} \quad \textcircled{5} \\ 987 \\ \times \quad 8 \\ \hline 7896 \end{array}$$

÷
l) The quotient of 549 and 6

$$\begin{array}{r} \times 91 \\ 6 \overline{) 549} \\ \underline{-54} \\ 009 \\ \underline{-6} \\ 3 \end{array}$$

$$\begin{array}{r} a) 3304 \\ - 3204 \\ \hline 0100 \end{array}$$

$$\begin{array}{r} 76349 \\ - 76041 \\ \hline 00308 \end{array}$$

4) Complete the following number sequences showing their rule.

a) 3304, 3204, 3104, 3004, 2904, 2804.

Rule: -100

b) 76041, 76349, 76657, 76965.

Rule: $+308$

5) Sort the numbers below according to the following table.

(You can write the number under more than one category)

~~64~~, 37, 2, ~~100~~, 26, ~~36~~, 35, ~~1~~, 50, ~~82~~, ~~49~~, 11, ~~20~~

1 and number itself
has 2 factor only

factors
has more than 2

Product of a
number multiplied

Prime number	<u>Composite number</u>	Square number
37	20, 35	1
2	64	64
11	100	100
	36	36
	49	49
	26	
	50	
	82	

by
itself

6) Tick the column in which the number can be divisible by each of the numbers below.

Divisible by Number	even 2 numbers	sum of digits 3 multip of 3	last 4 digits multip of 4	5 ends w/ 0/4	even and 6 multip of 3	sum 9 multip of 9	ends w/ 10 @ least 1 zero
365 <i>sum (14)</i>				✓			
84 <i>(12)</i>	✓	✓	✓		(✓) ✓		
473 <i>(14)</i>							
140 <i>(5)</i>	✓		✓	✓			✓
52 <i>(7)</i>	✓		✓				
69 <i>(15)</i>		✓					
18 <i>(9)</i>	✓	✓			✓	✓	
858 <i>(21)</i>	✓	✓			✓		
117 <i>(9)</i>		✓				✓	

7) Find the missing numbers.

<p>a)</p> $ \begin{array}{r} \textcircled{1} \quad \textcircled{1} \\ 5 \quad 3 \quad 3 \quad 1 \\ + \\ 3 \quad 7 \quad \boxed{7} \quad \boxed{1} \\ \hline 9 \quad \boxed{1} \quad 0 \quad 2 \end{array} $	<p>b)</p> $ \begin{array}{r} \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\ \boxed{3} \quad 7 \quad 8 \quad 4 \\ + \\ 5 \quad 4 \quad \boxed{9} \quad \boxed{9} \\ \hline 9 \quad 2 \quad 8 \quad 3 \end{array} $
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<p>c) $\begin{array}{r} \boxed{7} \overset{3}{4} \overset{11}{2} 13 \\ 2097 \\ \hline 5 \boxed{3} 2 \boxed{6} \end{array}$</p>	<p>d) $\begin{array}{r} \overset{7}{8} 12 \overset{7}{8} 14 \\ \boxed{2} 8 \boxed{7} 6 \\ \hline 5 \boxed{4} 0 8 \end{array}$</p>
<p>e) $\begin{array}{r} \textcircled{7} 6 \textcircled{4} 9 \boxed{5} \\ \times \quad \quad 8 \\ \hline \boxed{5} \boxed{5} \textcircled{6} 0 \end{array}$</p>	<p>f) $\begin{array}{r} \textcircled{3} 9 \textcircled{2} 4 \boxed{3} \\ \times \quad \quad \quad 7 \\ \hline 66 \boxed{0} 1 \end{array}$</p>

8) Write the factors of the following numbers in order, starting with the smallest. *write each # is divisible by what numbers*

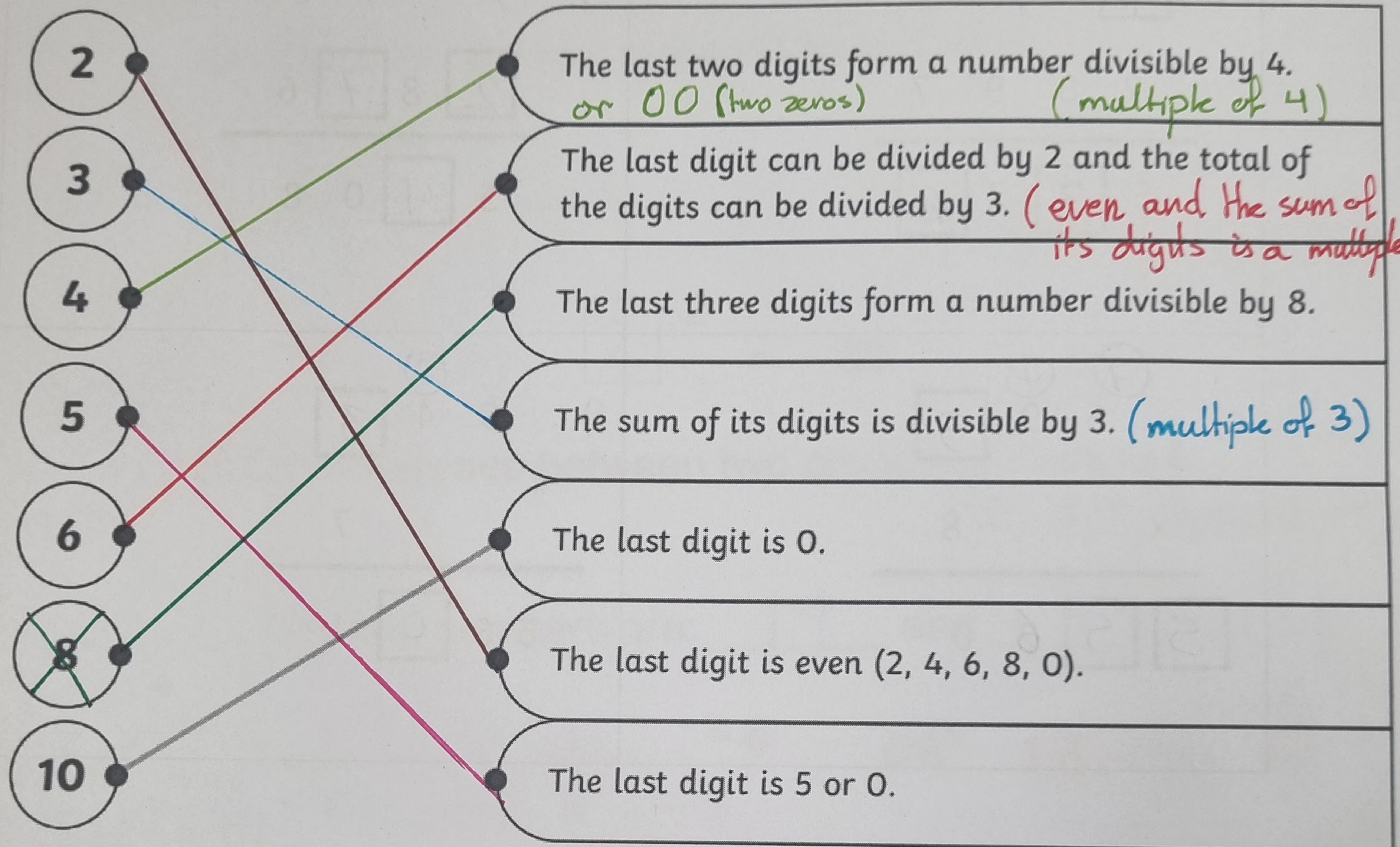
- a) 18: 1, 2, 3, 6, 9, 18
- b) 24: 1, 2, 3, 4, 6, 8, 12, 24
- c) 31: 1, 31
- d) 40: 1, 2, 4, 5, 8, 10, 20, 40

example (step 1)
 18 is divisible by
 1 x ? = 18 (step 2)
 2 x ? = 18
 3 x ? = 18
 18 x ? = 18

Step (3)
 1 x 18 = 18
 2 x 9 = 18
 3 x 6 = 18

so step 4: factors of 18 are:
 (1, 2, 3, 6, 9, 18)

9) Match the number from the left side to its rule from the right side.



not included

10) Use the following cards to make:

You may use the card more than once.

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

- a) A three - digit number and a multiple of 3 and 4 and 5 less than 200 and more than 100. 120, or 180
- b) A square and even number between 50 and 100. 64
- c) A square and odd number between 1 and 30. 25 OR 9 OR 1
- d) The 6th multiple of 6 is 36

1, 4, 9, 16, 25, 36, 49, 64, 81, 100

first write all the square numbers to help you

11) Answer the following.

a) Which two square numbers total to 85?

$$\underline{81} + \underline{4} = 85$$

$$\boxed{9}^2 + \boxed{2}^2 = 85$$

b) The difference between two prime numbers is 8. Prime #'s
(2, 3, 5, 7, 11, 13, 17, 19)

My two numbers are: 19 and 11

$$\begin{array}{l} \underline{19} - \underline{11} = 8 \\ \text{OR } \underline{11} - \underline{3} = 8 \end{array} \quad \text{OR } \underline{13} - \underline{5} = 8$$

c) The highest multiple of 8 that is less than 80 72
 \downarrow
 8×9

e) Dan says: "I'm thinking of a square and odd number more than 60 and less than 90." What is his number? 81

64, 81, 100 choose from

d) Fred says: "I'm thinking of a square and even number more than 50 and less than 90." What is his number? 64

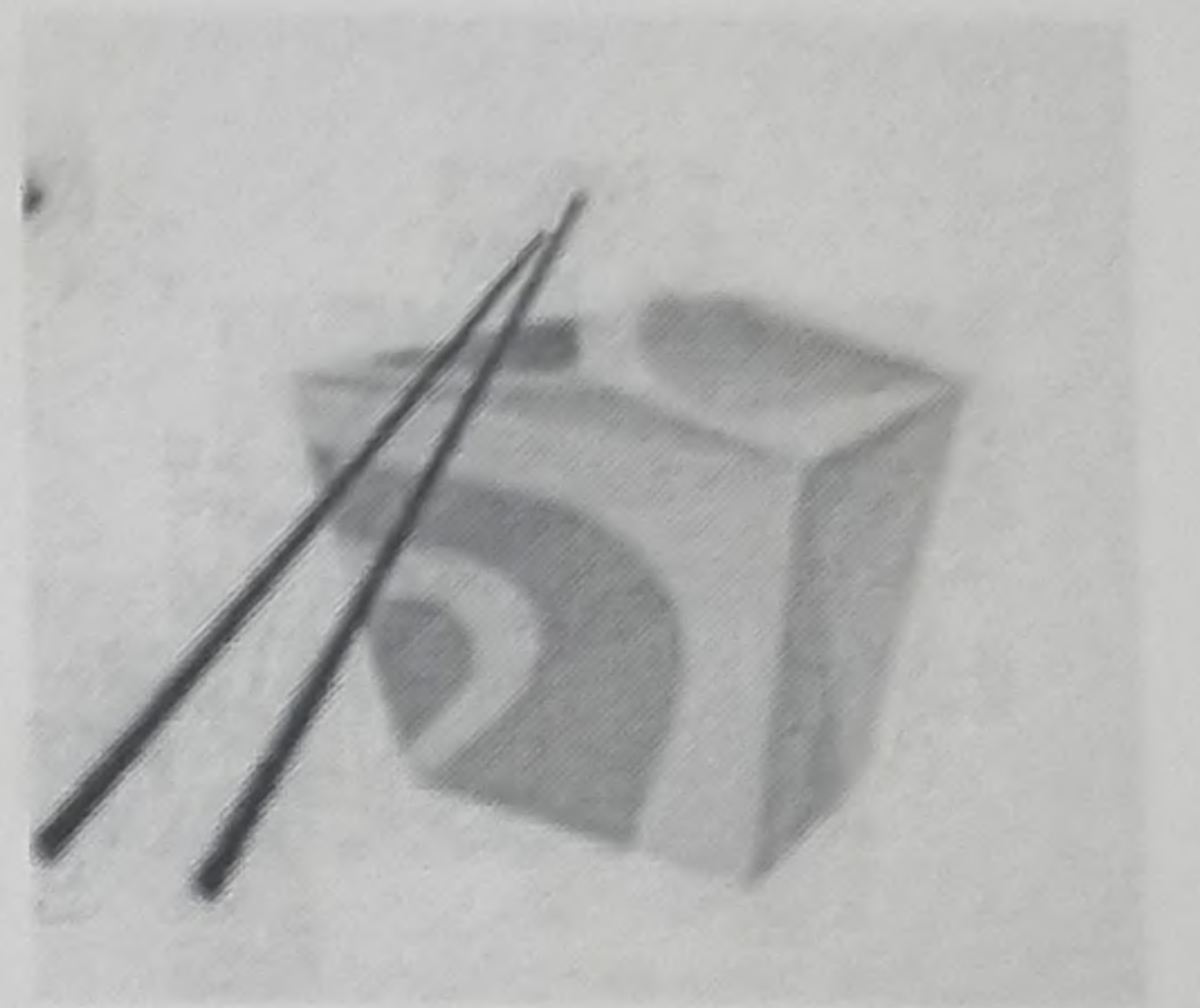
64, 81, 100

12) Answer the following word problems:

A) In a Chinese restaurant, chopsticks need to be put into pairs for the customers to use.

i) Can 246 chopsticks be divided into sets of 2 without a remainder?

Explain Yes because 246 is an even number and can be divisible by 2.



ii) Can 631 chopsticks be divided into sets of 2 without a remainder?

Explain NO because 631 is not divisible by 2 (odd number)

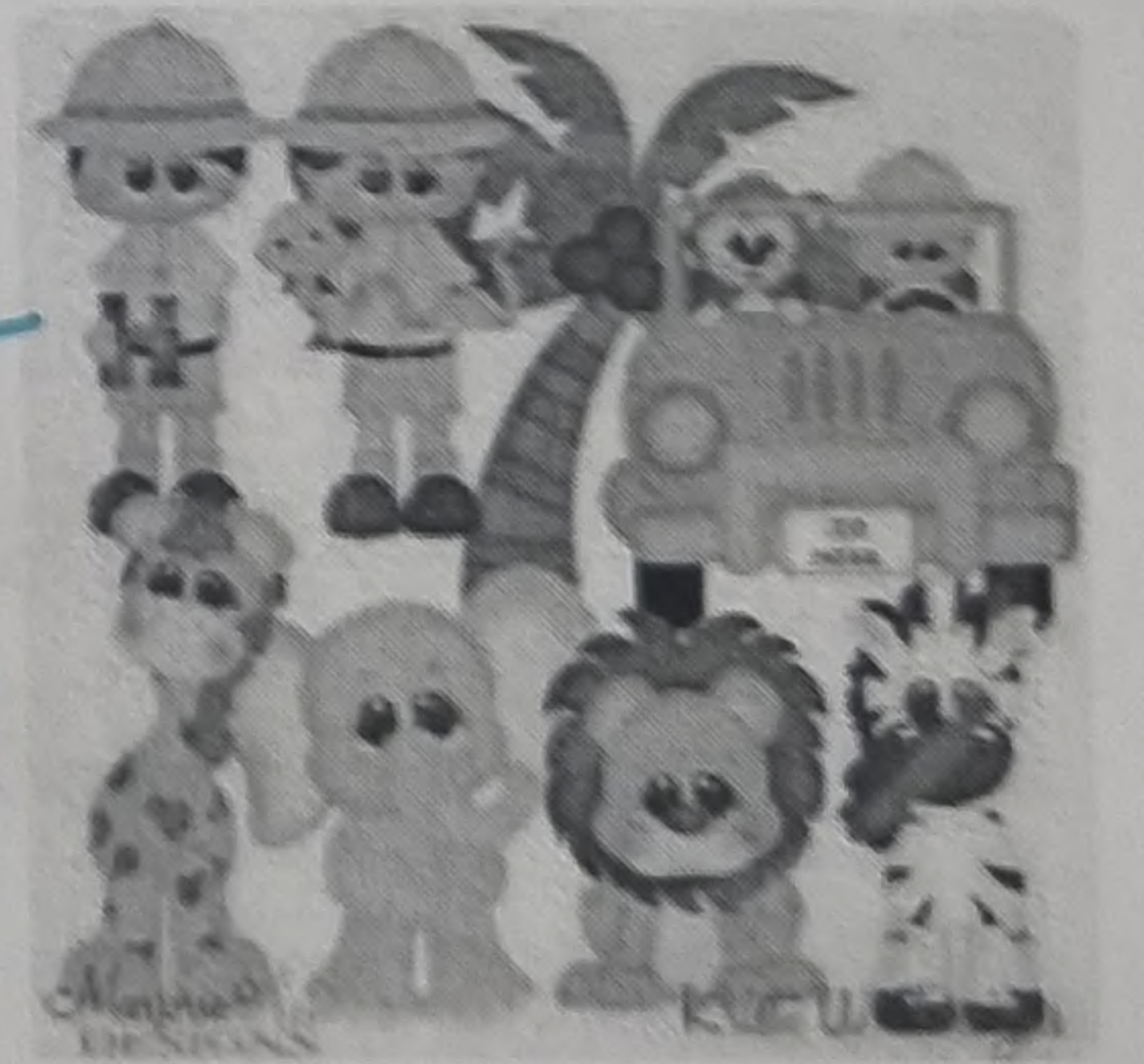
C) A zoo keeper needs to buy food for the animals at the zoo.

He bought 23 boxes of food, each box contains 196 kgs.

i) How many kg did the zoo keeper buy?

$$\begin{array}{r} \textcircled{1} 20 \times \textcircled{1} 96 \\ \times \textcircled{1} 23 \\ \hline 588 \\ + 3920 \\ \hline 4508 \end{array}$$

4508 Kg he bought very important!



ii) The zoo keeper found that 89 kgs were not good to give to the animals.

How many kg of food he will have left to feed the animals?

$$\begin{array}{r} + \\ - \\ \hline 4508 \\ - 89 \\ \hline 4419 \text{ Kg left} \end{array}$$

iii) The zookeeper wants to divide the remaining food equally among 6 animals.

How many kg does each animal get?

736 Kg each animal gets

$$\begin{array}{r} \times 736 \\ 6 \overline{) 4419} \\ \underline{-42} \\ 211 \\ \underline{-18} \\ 39 \\ \underline{-36} \\ 3 \end{array}$$

iv) How many kg will be left?

3 Kg left.

D) In a bake sale a school sold 578 cupcakes ~~each~~ cost \$2 and 135 sweets ~~each~~ cost \$3.

i) How much money did the school collect from the bake sale?

Cupcakes

$$\begin{array}{r} \\ \\ \times 578 \\ \\ \\ \\ \hline 1156 \end{array}$$

collect from cup cakes

Sweets

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ \times 135 \\ \\ \\ \\ \hline 405 \end{array}$$

collected from sweets

Cupcake + sweets

$$1156 + 405 = \$ 1561$$

The school collected from the bake Sale



ii) The school decides to donate the money equally among 8 families. How much does each family get?

\$195 each family gets.

$$\begin{array}{r} \times 195 \\ 8 \overline{) 1561} \\ \underline{-8} \\ 76 \\ \underline{-72} \\ 41 \\ \underline{-40} \\ 1 \end{array}$$

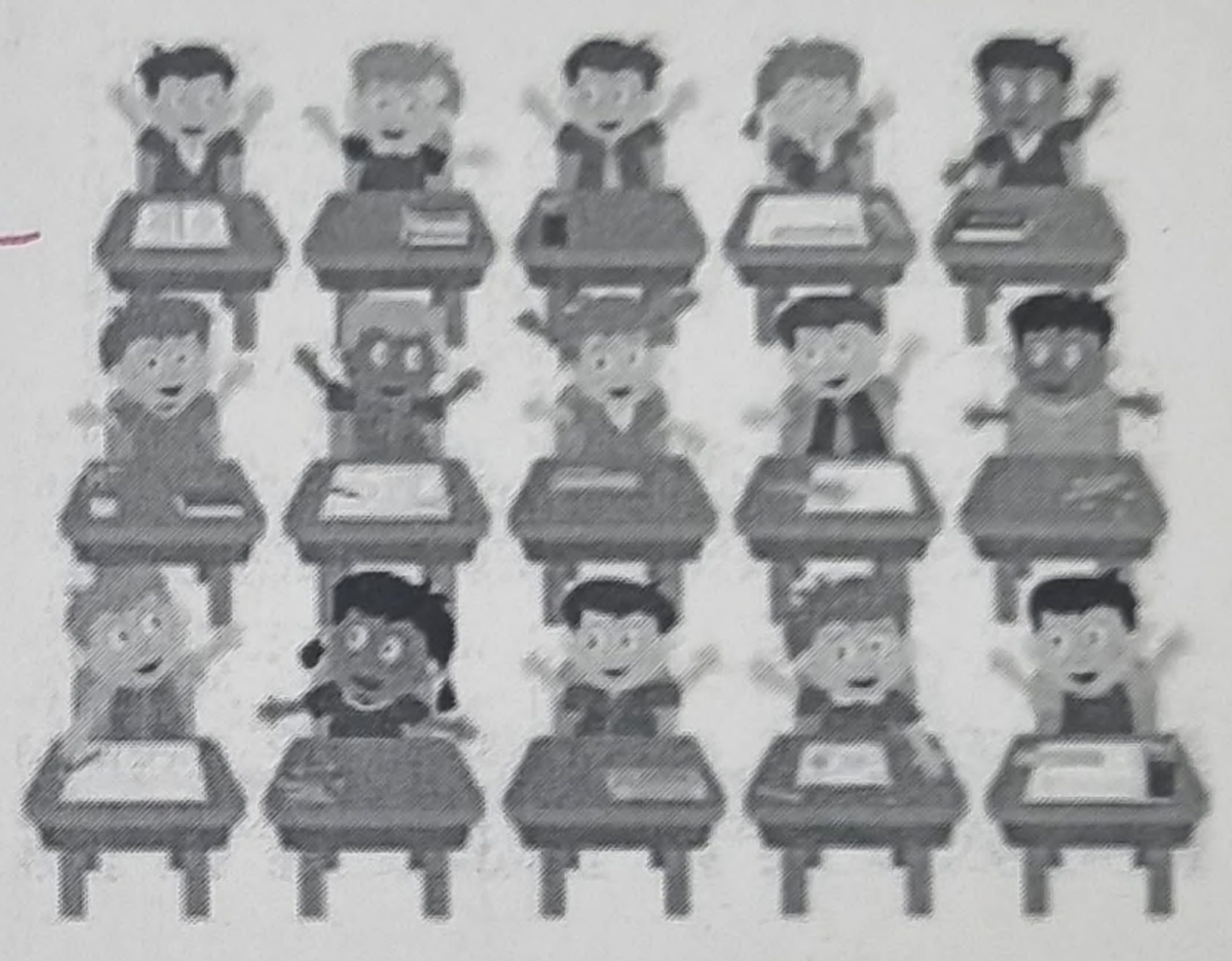
1\$ left

E) There are 23 students in each class, the school decided to take the students on a field trip. If there was a total of 7 classes.

i) How many students in total will go on the trip?

$$\begin{array}{r} \textcircled{2} \\ \times 23 \\ \hline 161 \end{array}$$

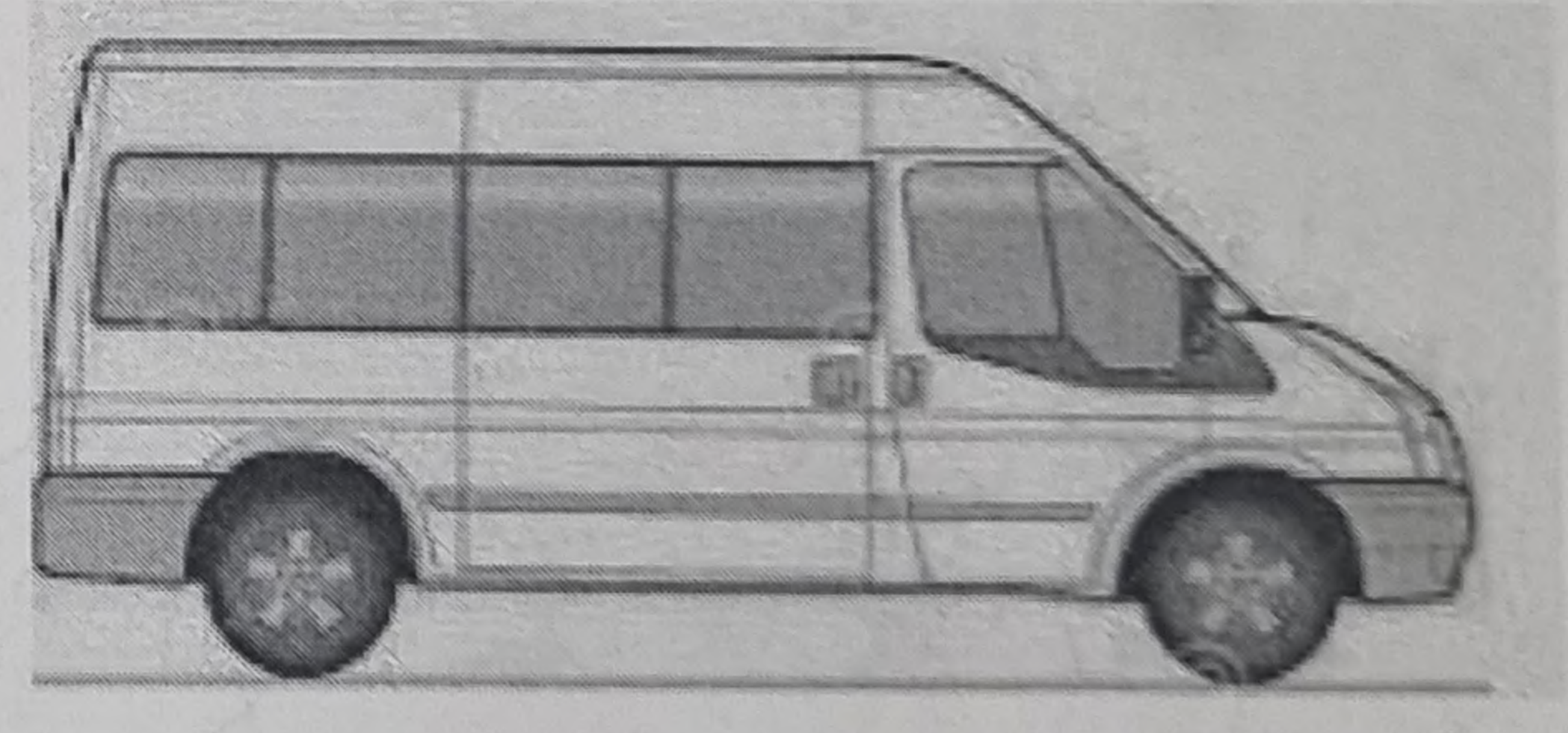
students will go on the Trip



ii) How many mini buses does the school need to take all the students if each mini-bus can fit 9 students?

$$\begin{array}{r} \times 17 \\ 9 \overline{) 161} \\ \underline{-9} \\ 71 \\ \underline{-63} \\ 8 \end{array}$$

17 full bus and 1 bus will have only 8 students



So 18 mini buses are needed

GOOD LUCK TO ALL
Regards D. Sababek

