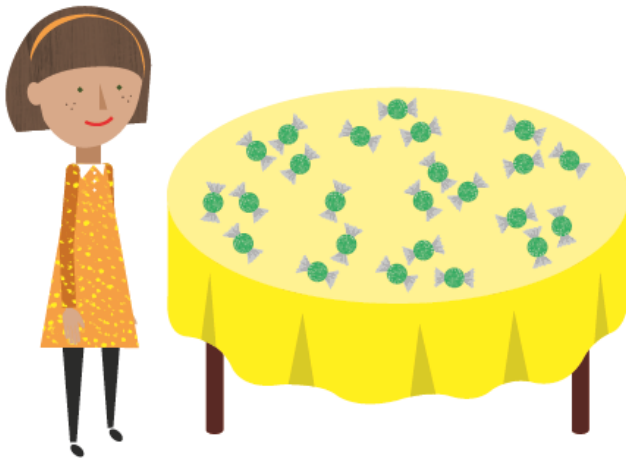


Solving Word Problems

In Focus



How many sweets are there altogether?
How many bags of sweets can Amira pack?

Should we multiply
or divide to find
each answer?



Let's Learn

- Put the sweets in groups of 3.
Multiply to find the total number of sweets.



There are 3 sweets in each group.
There are 8 groups.

Multiply 3 by 8.

$$8 \times 3 = 24$$

We can also write $3 \times 8 = 24$.

There are 24 sweets altogether.



Each bag has 3 sweets.

Divide to find the number of bags of sweets.



There are 24 sweets altogether.

Amira packs 3 sweets in each bag.

$$24 \div 3 = 8$$

Amira can pack 8 bags of sweets.

Divide 24 by 3.




2

There are 4 children.

They share 24 slices of pizza equally.

How many slices of pizza does each child get?



Each child gets  slices of pizza.

Should we
multiply or divide?



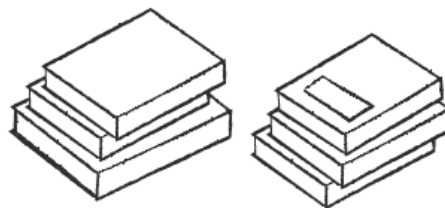
Work in groups of 4.

- ① Pick a card.
- ② Write a word problem.
Draw a picture to show
your word problem.

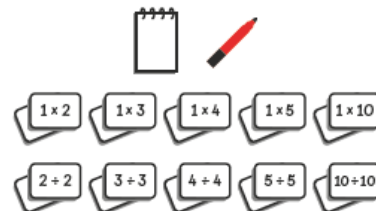
Example

$$2 \times 3$$

There are 2 stacks of books.
Each stack has 3 books.
How many books are there in all?



What you need:



- ③ Repeat ① and ② to make three more word problems.
- ④ Show your word problems to the class.
Ask your classmates to solve them.

Guided Practice

Solve.

- 1 There are 3 postcards in 1 packet.
How many postcards are there in 8 identical packets?



- 2 Charles has to arrange 32 chairs in rows.
Each row has 8 chairs.
How many rows are there?



- 3 Sam has 8 sheets of paper.
He cuts each sheet into 4 rectangles.
How many rectangles does Sam get altogether?



Name: _____ Class: _____ Date: _____

Worksheet 13

Solving Word Problems

Solve.

- 1 Lulu arranges 40 chairs into rows.
There are 8 chairs in each row.
How many rows are there?



$$\boxed{} \div \boxed{} = \boxed{}$$

There are rows.

- 2 Ravi buys 24 goldfish.
He puts the goldfish equally into 3 bowls.
How many goldfish are there in each bowl?



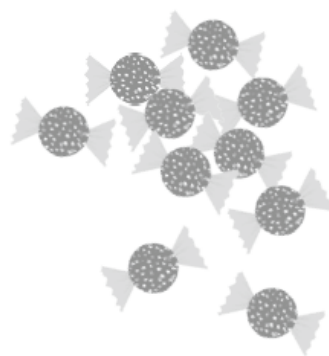
$$\boxed{} \div \boxed{} = \boxed{}$$

There are goldfish in each bowl.

- 3 A tailor sews 28 buttons equally on 4 shirts.
How many buttons are there on each shirt?



- 4 Hannah buys 4 packets of sweets.
There are 10 sweets in each packet.
She then gives away the sweets equally to 8 friends.
(a) How many sweets does Hannah buy?



- (b) How many sweets does each friend get?

TITLE: Can you solve word problems using division?

Harry has 20 sweets. He shares them out with his friends. His friends each get 4 sweets. How many friends does Harry have? Using words and pictures show how you can solve this problem. What is the number sentence for this problem?

Worksheet 13

Solving Word Problems

Solve.

- 1 Lulu arranges 40 chairs into rows.
There are 8 chairs in each row.
How many rows are there?



$$\boxed{40} \div \boxed{8} = \boxed{5}$$

There are rows.

- 2 Ravi buys 24 goldfish.
He puts the goldfish equally into 3 bowls.
How many goldfish are there in each bowl?



$$\boxed{24} \div \boxed{3} = \boxed{8}$$

There are goldfish in each bowl.

- 3 A tailor sews 28 buttons equally on 4 shirts.
How many buttons are there on each shirt?

$$28 \div 4 = 7$$

There are 7 buttons on each shirt



- 4 Hannah buys 4 packets of sweets.
There are 10 sweets in each packet.
She then gives away the sweets equally to 8 friends.
(a) How many sweets does Hannah buy?

$$10 \times 4 = 40$$

Hannah buys 40 sweets



- (b) How many sweets does each friend get?

$$40 \div 8 = 5$$

Each friend gets 5 sweets