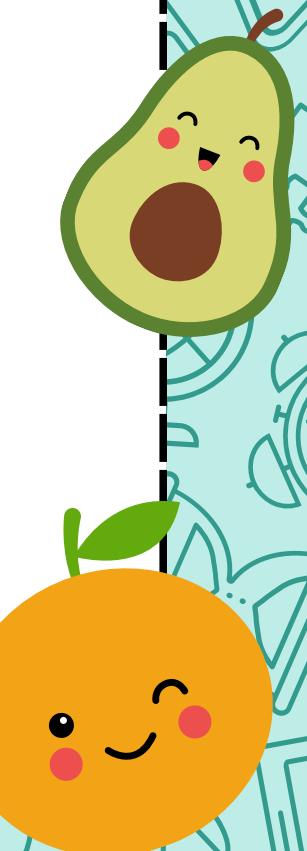
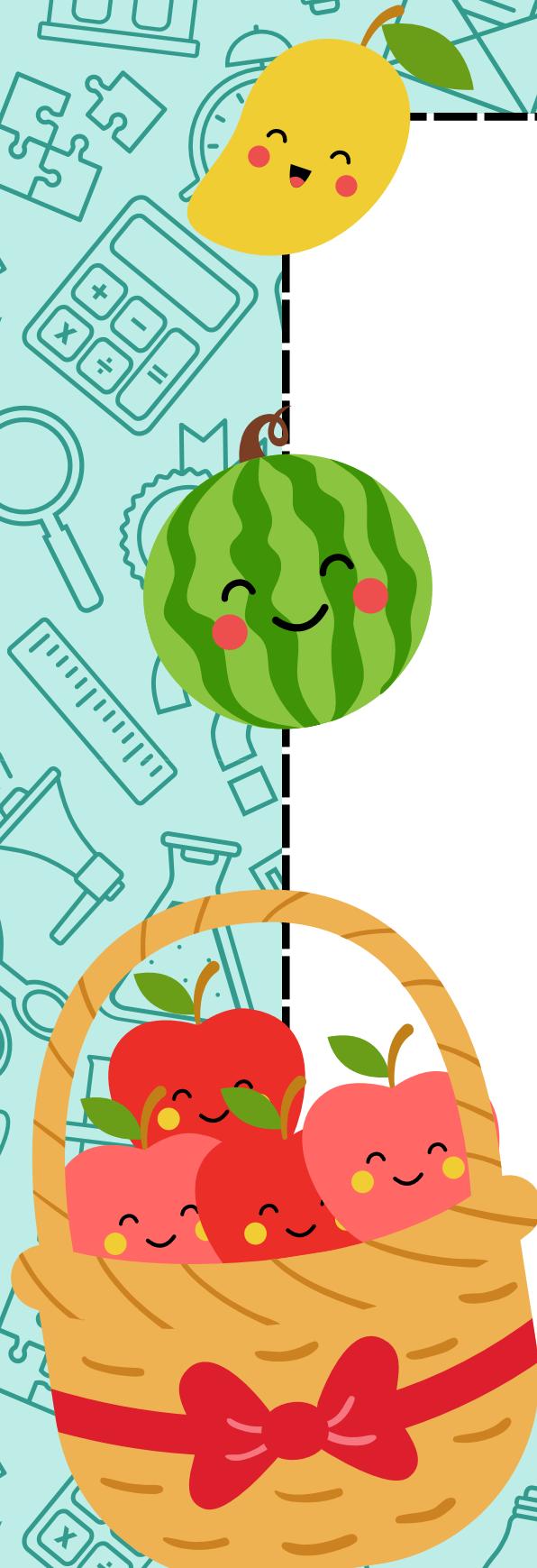


GRADE 4 MATH LESSON

Multiplication



LEARNING OBJECTIVE

I can multiply 2-digit numbers by 1-digit numbers and use models or pictures to help me multiply 2-digit by 2-digit numbers,

ADDITION & SUBTRACTION

$456 + 378 =$

$1,245 + 698 =$

$2,345 + 1,229 =$

$534 + 908 + 127 =$

$923 - 478 =$

$2,100 - 875 =$

$4,321 - 1,698 =$

$3,500 - 1,256 =$

	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

EXPLORE

9 groups of 7 apples will give you 63 apples total.

$$\begin{array}{r} 9 \\ \times \quad 7 \\ \hline \text{groups} \qquad \text{apples} \end{array} = \begin{array}{r} 63 \\ \hline \text{apples} \end{array}$$



4 groups of 21 apples will give you 84 apples total.

$$\begin{array}{r} 4 \\ \times \quad 21 \\ \hline \text{groups} \qquad \text{apples} \end{array} = \begin{array}{r} 84 \\ \hline \text{apples} \end{array}$$



LEARN

What is Multiplication as Equal Groups?

- **Equal groups** mean that each group contains the same number of items.
- **Multiplication** means making more of something. When you multiply, you increase a number in a special way—by joining equal groups.

QUICK CHECK

You are going to see example of groups.

Thumbs up if they
are equal groups.



Thumbs down if they
are not equal groups.



QUICK CHECK

A bus holds 48 people. How many people can 4 buses carry?

Drew thinks that
the answer is 184



Oliver thinks that
the bus can carry
192 people.



QUICK CHECK

A toy costs \$ 12. How much do 15 toys cost?

Grace is sure
that it will cost
\$ 160



Spencer
believes the
answer is 180



QUICK CHECK

Sophie buys 6 boxes of chocolate. Every box has 24 chocolates insides. How many chocolates are there in total?

Nuha, a chocolate lover calculates that there are 144 chocolates in all



Erick thinks there are 128 chocolates



YOU DO

$$23 \times 3 =$$

"you've"
GOT THIS

You Can Do It

"keep"
GOING

YOU DO

WORKSPACE

$145 \times 2 =$

KEEP UP
THE
GOOD WORK

Never
give up

YOU DO

WORKSPACE

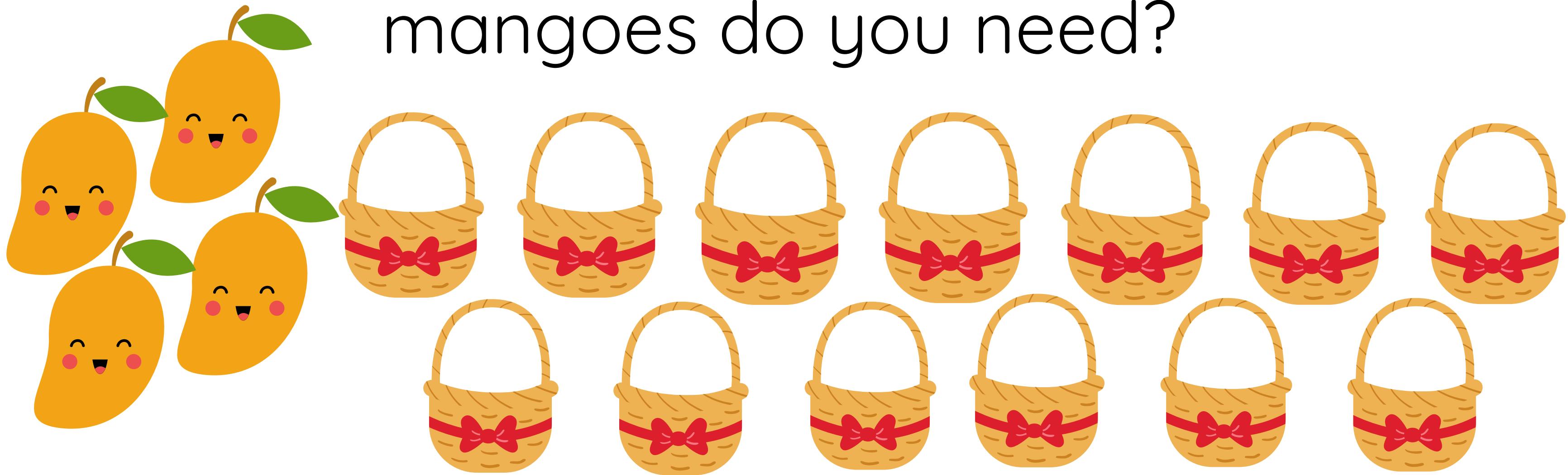
$$34 \times 5 =$$

YOU'VE
TOTALLY GOT
THIS!

NEVER
Give
UP

WE DO

If you have 13 baskets, and you want to put
4 mangos in each basket, how many
mangoes do you need?



DISCUSSION

WORKSPACE

$13 \times 4 =$



DISCUSSION

WORKSPACE

$$\frac{13}{\text{groups}} \times \frac{4}{\text{mangos}} = \frac{52}{\text{mangos}}$$



Q&A Session and mood checker

Mood check:
How are you feeling today?

👑 Feeling great

😊 Doing okay

🤔 Struggling a bit

👉 Feeling overwhelmed

● Loading...

