

3.MD.C.7.C

3.MD.C.7.D

# RELATE AREA TO MULTIPLICATION AND ADDITION

## TASK CARDS



**ANSWER SHEET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Card #	Answer	Ca
1.		
2.		
3.		
4.		
5.		
6.		
7.		

**5** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the large square.

$(8 \times 10) + (2 \times 10)$

$\downarrow \quad \downarrow$

$\square + \square$

The area of the large square is  $\square$  square units

**6** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the larger rectangle.

$(4 \times 7) + (3 \times 7)$

$\downarrow \quad \downarrow$

$\square + \square$

The area of the larger rectangle is  $\square$  square units

**7** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the larger rectangle.

$(4 \times 5) + (3 \times 5)$

**8** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the larger rectangle.

$(4 \times 5) + (3 \times 5)$

**30** RELATE AREA TO MULTIPLICATION AND ADDITION

Louis made a shape with an area of 30 square cm. Which shape did he make?

**A**

Which rectangle has the same area as the red square?

2m 2m

4m

8m 4m

2m 2m

**A** **B**

### RELATE AREA TO MULTIPLICATION CHALLENGE

Which equation would give the area of 48 square units?

$(6 \times 3) + (6 \times 5)$

$(7 \times 2) + (9 \times 4)$

**RELATE AREA TO MULTIPLICATION AND ADDITION**

PRINTABLE AND DIGITAL



- 30 PRINT-AND-GO TASK CARDS
- READY TO USE FOR CENTERS

**17** RELATE AREA TO MULTIPLICATION AND ADDITION  
Which rectangle has the same area as the red rectangle?  
2m 7m  
2m 8m 2m 5m  
A B

**18** RELATE AREA TO MULTIPLICATION AND ADDITION  
Which rectangle has the same area as the red square?  
2m 2m 2m 8m 2m 9m  
A B

**19** RELATE AREA TO MULTIPLICATION AND ADDITION  
Which rectangle has the same area as the red rectangle?  
3m 7m

**20** RELATE AREA TO MULTIPLICATION AND ADDITION  
Which rectangle has the same area as the red rectangle?  
3m 7m



**ANSWER SHEET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Card#	Answer	Card#	Answer
1.		16.	
2.		17.	
3.		18.	
		19.	
		20.	
		21.	
		22.	
		23.	
		24.	
		25.	

**21** RELATE AREA TO MULTIPLICATION AND ADDITION  
Farmer John has a vegetable garden. He has one spot for tomatoes, one for carrots, and one for potatoes. What is the total area of Farmer John's vegetable garden?  
The total area of Farmer John's vegetable garden is  
48  
42

**22** RELATE AREA TO MULTIPLICATION AND ADDITION  
Farmer John wants to make one spot in his garden to grow radishes, and one for lettuce. What is the total area of these new spots?  
The total area of Farmer John's new gardening spots is  
26  
8  
18

**23** RELATE AREA TO MULTIPLICATION AND ADDITION  
What is the total area of Farmer John's garden now?  
58  
62  
68

**24** RELATE AREA TO MULTIPLICATION AND ADDITION  
Farmer John needs to put soil in some flower beds. What is the total area of his flower beds?  
Area: \_\_\_\_\_ sq. ft.

**Ways to Use Task Cards**

- 1 Centers
- 2 Scoot: Pass out one card for each student. Set a timer and say, "scoot!" when the timer goes off. Students move seats to the next card. They continue to rotate until they are back at their original seat.
- 3 Scavenger Hunt: Hide cards around the room. Students search for cards and answer them.
- 4 Jenga: Number Jenga blocks. Students stack the blocks, then take turns pulling blocks. Students answer the corresponding number card.
- 5 Whole class practice: Teacher displays card on the projector. Students answer on mini white boards.
- 6 Exit Tickets: Give each student a task card at the end of the lesson. Have them answer on a sticky note.



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# SELF CORRECTING, INCLUDES REPORTING CERTIFICATE

5

RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the large square.



$$(8 \times 10) + (2 \times 10)$$

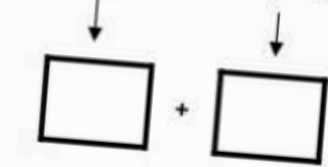
6

RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the larger rectangle.



$$(4 \times 7) + (3 \times 7)$$

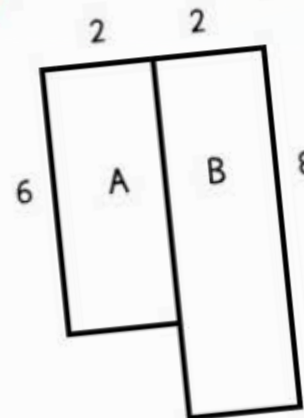


The area of the larger rectangle is  square units

13

RELATE AREA TO MULTIPLICATION AND ADDITION

Find the area.



Area of A:

Area of B:

Total Area:

15

RELATE AREA TO MULTIPLICATION AND ADDITION

Find the area.



Area of A:

Area of B:

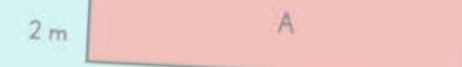
Area of C:

Total Area:

INCORRECT

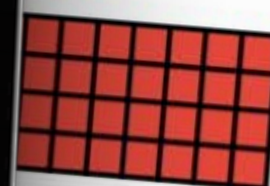
The correct answer is A.

CONTINUE

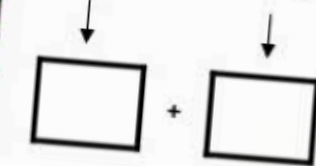


RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the larger rectangle.

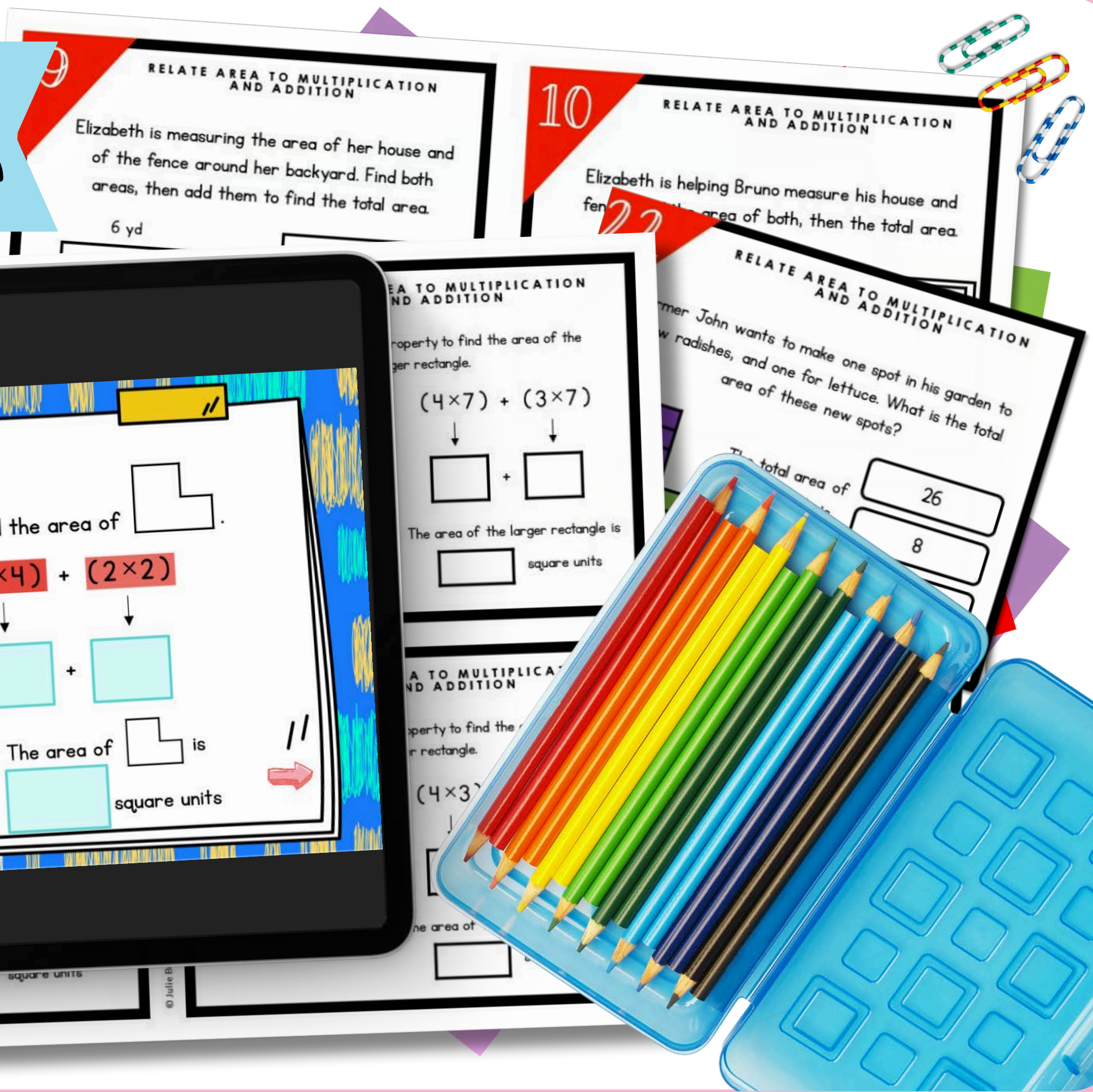


$$(4 \times 3) + (4 \times 7)$$



The area of the larger rectangle is  square units

SHUFFLES CARDS, SO STUDENTS CAN PRACTICE MORE THAN ONCE



### ANSWER SHEET

Name: \_\_\_\_\_

Card#	Answer	Card#
1.		
2.		
3.		
4.		

### RELATE AREA CHALLENGE

Which equation would give an area of 48 square units?

$(6 \times 3) + (6 \times 5)$

$(7 \times 2) + (9 \times 4)$

15.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Use the distributive property to find the area of

$(3 \times 4) + (2 \times 2)$

The area of is  square units

# STANDARDS ALIGNED

**14** RELATE AREA TO MULTIPLICATION AND ADDITION

Find the area.

Area of A:

Area of B:

Area of C:

Total Area:

**22** RELATE AREA TO MULTIPLICATION AND ADDITION

Farmer John wants to make one spot in his garden to grow radishes, and one for lettuce. What is the total area of these new spots?

The total area of Farmer John's new gardening spots is

**2** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of

$(3 \times 1) + (2 \times 3)$

+

The area of is  square units

**5** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of the large square.

$(8 \times 10) + (2 \times 10)$

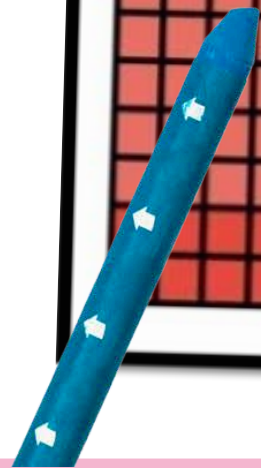
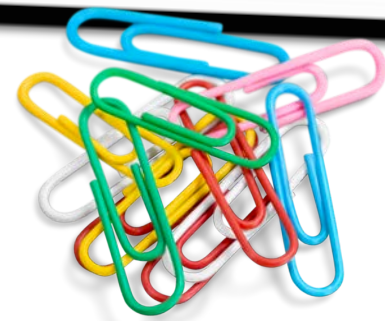
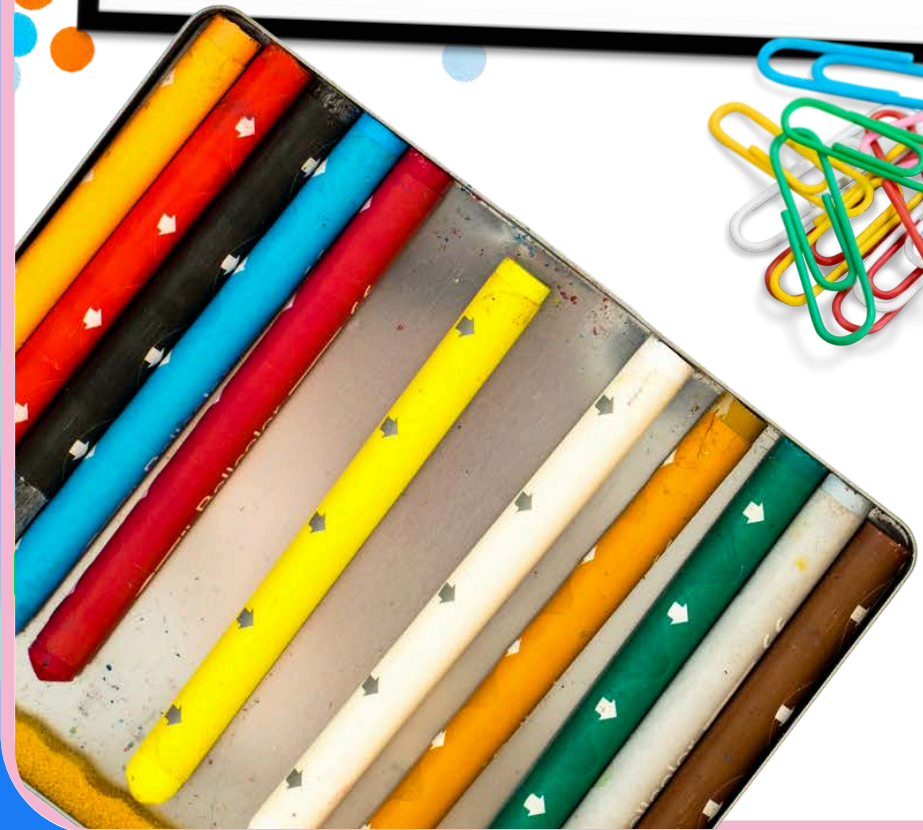
+

The area of the large square is  square units

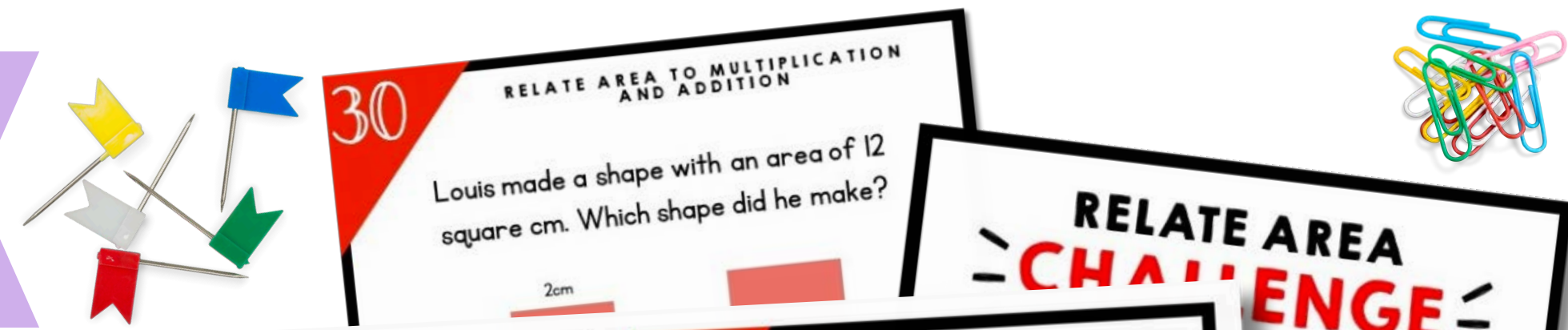
**30** RELATE AREA TO MULTIPLICATION AND ADDITION

Louis made a shape with an area of 12 square cm. Which shape did he make?

A



# USE OVER AND OVER FOR CENTERS, GAMES, AND REVIEW



**ANSWER SHEET**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Card#	Answer	Card#
		16.
		17.
3.		18.
4.		19.
5.		20.
6.		21.
7.		22.
8.		

**9** RELATE AREA TO MULTIPLICATION AND ADDITION

Elizabeth is measuring the area of her house and of the fence around her backyard. Find both areas, then add them to find the total area.

Area of her house:

Area of her fence:

Total area:

**10** RELATE AREA TO MULTIPLICATION AND ADDITION

Elizabeth is helping Bruno measure his house and fence. Find the area of both, then the total area.

Area of his house:

Area of his fence:

Total area:

**11** RELATE AREA TO MULTIPLICATION AND ADDITION

Carmen wants to put some furniture in her living room. What is the total area of her furniture?

The total area of her furniture is  square feet

**12** RELATE AREA TO MULTIPLICATION AND ADDITION

One of Carmen's sofas is  ft by  ft. What is the total area of her furniture?

The total area of her furniture is  square feet

**2** RELATE AREA TO MULTIPLICATION AND ADDITION

Farmer John wants to make one spot to grow radishes, and one for lettuce. What is the total area of these new spots?

The total area of Farmer John's new garden spots is  square units



**30** RELATE AREA TO MULTIPLICATION AND ADDITION

Louis made a shape with an area of 12 square cm. Which shape did he make?

**1** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of

$$(3 \times 4) + (2 \times 2)$$

The area of is  square units

**2** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of

$$(3 \times 1) + (2 \times 3)$$

The area of is  square units

**4** RELATE AREA TO MULTIPLICATION AND ADDITION

Use the distributive property to find the area of

$$(1 \times 5) + (4 \times 1)$$

The area of is  square units

**RELATE AREA CHALLENGE**

What would give you an area of  square units?

$\times$

$\times$

Find the area of the

The area of the large square is  square units

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