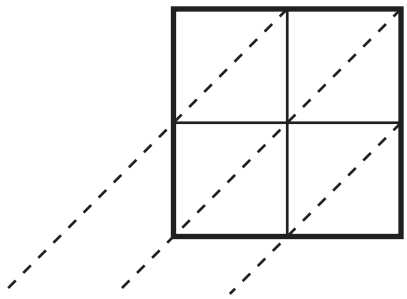
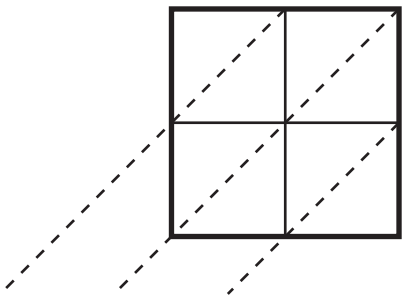
LATTICE MULTIPLICATION

1) 33 x 15



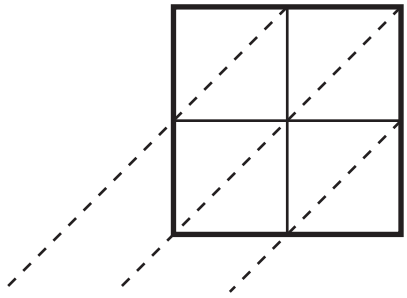
answer: _____

2) 26 x 19



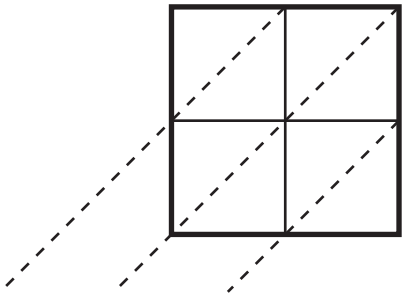
answer: _____

3) 15 x 17



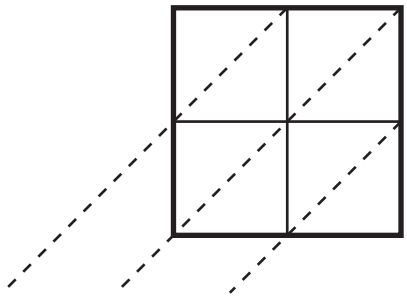
answer: _____

4) 24 x 13



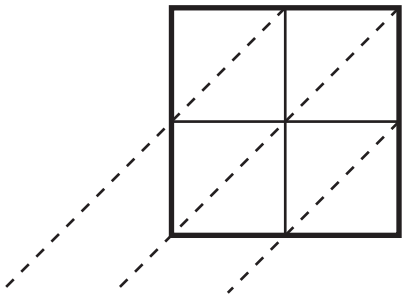
answer: _____

5) 29 x 21



answer: _____

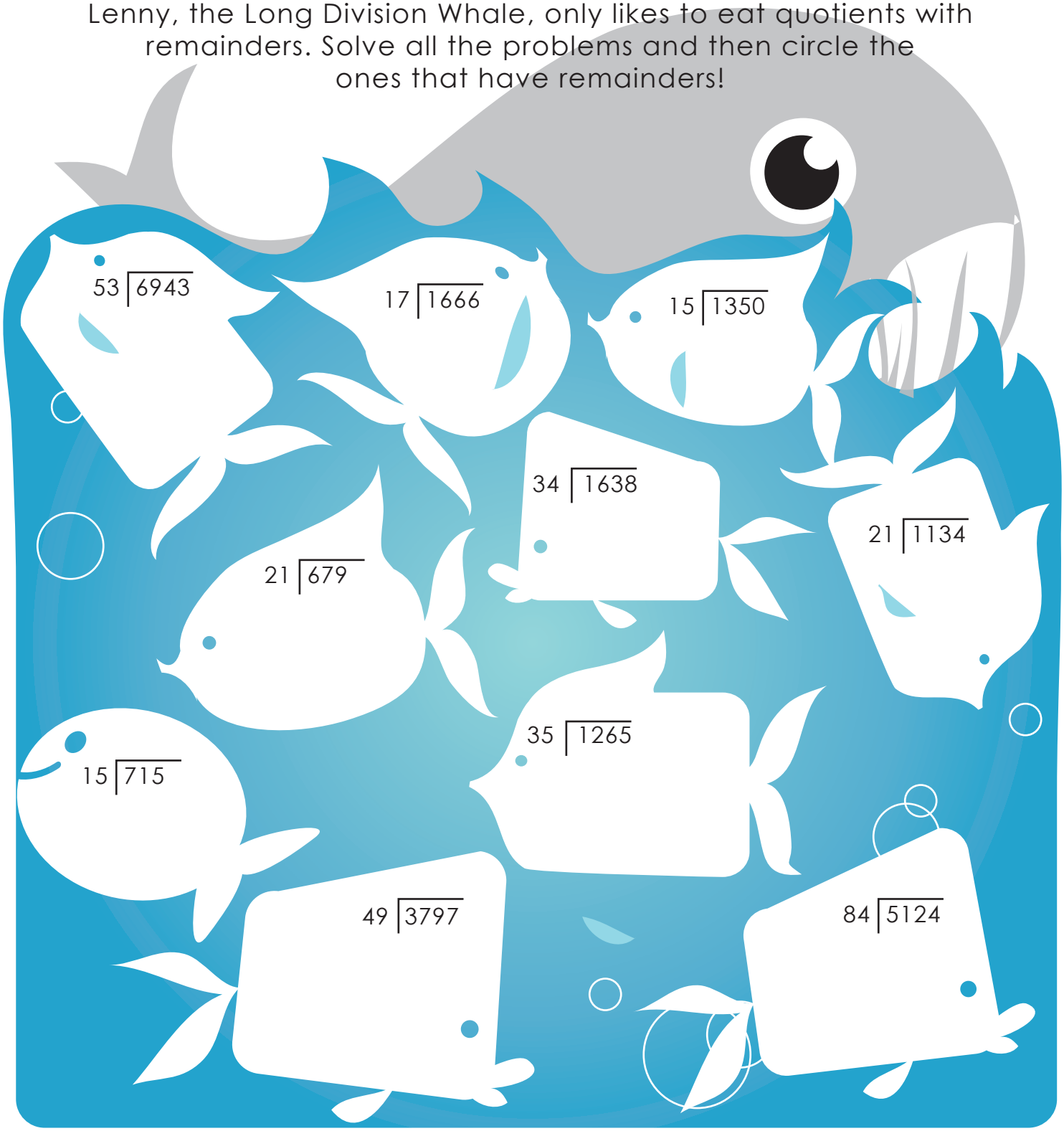
6) 19 x 32



answer: _____

LONG DIVISION
WHALE MUNCHER

Lenny, the Long Division Whale, only likes to eat quotients with remainders. Solve all the problems and then circle the ones that have remainders!



Dancing with Division

1.) 192 ÷ 8 =

2.) 288 ÷ 9 =

3.) 270 ÷ 54 =

4.) 186 ÷ 31 =

5.) 540 ÷ 12 =

6.) 144 ÷ 2 =

7.) 660 ÷ 22 =

8.) 576 ÷ 6 =

9.) 301 ÷ 7 =

10.) 255 ÷ 17 =

11.) 162 ÷ 9 =

12.) 264 ÷ 33 =

13.) 423 ÷ 47 =

14.) 144 ÷ 12 =

15.) 336 ÷ 16 =

16.) 266 ÷ 14 =

3rd Grade

Math

Multiplication

It's Distributed!

One of the multiplication properties is *distributive*, which means you can multiply a sum or difference by multiplying each number separately and then adding or subtracting the products.

$A \times (B + C) = A \times B + A \times C$

$A \times (B - C) = A \times B - A \times C$

Find the product.

$7 \times (5 + 2) = 7 \times (\_\_\_\_\_) =$ ☐

$(7 \times 5) + (7 \times 2) = (\_\_\_\_\_) + (\_\_\_\_\_) =$ ☐

$3 \times (8 - 4) = 3 \times (\_\_\_\_\_) =$ ☐

$(3 \times 8) - (3 \times 4) = (\_\_\_\_\_) - (\_\_\_\_\_) =$ ☐

Rewrite the equations. See the example.

$5 \times (6 + 1) = (5 \times 6) + (5 \times 1)$

$= 30 + 5$

$= 35$

$8 \times (10 + 2) =$

$=$

$=$

$9 \times (9 - 3) =$

$=$

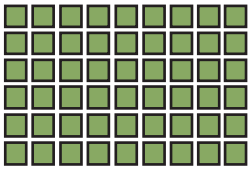
$=$

Name:_____ Date:_____

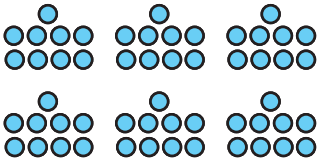
Multiplication Visual Models: Multiple Choice

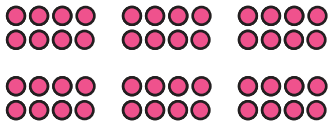
Directions: Which one is not true? Circle your answer for each question below.

1. Which of the following does **NOT** represent 6 x 9?

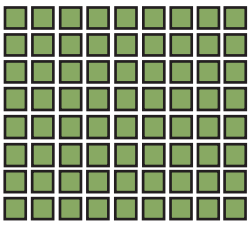
a. 

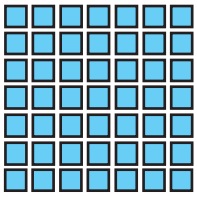
b. **54**

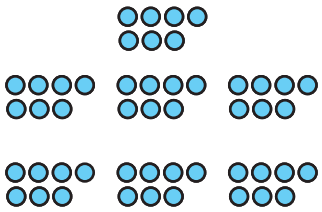
c. 

d. 

2. Which of the following does **NOT** represent 7 x 7?

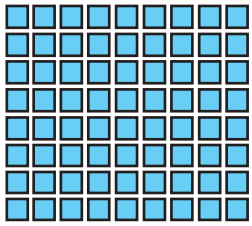
a. 

b. 

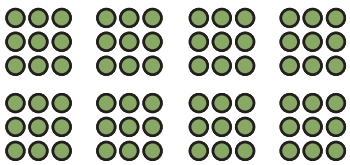
c. 

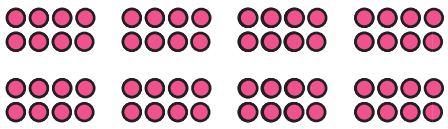
d. **49**

3. Which of the following does **NOT** represent 8 x 9?

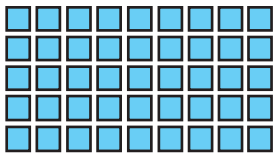
a. 

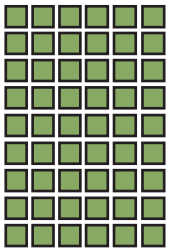
b. **72**

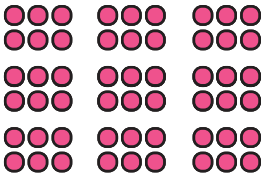
c. 

d. 

4. Which of the following does **NOT** represent 9 x 6?

a. 

b. 

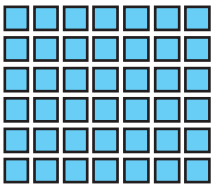
c. 

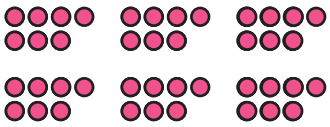
d. **54**

5. Which of the following does **NOT** represent 6 x 7?

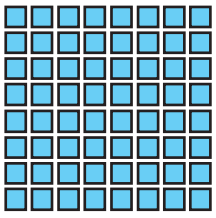
a. **42**

b. **41**

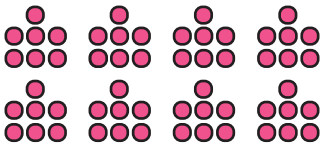
c. 

d. 

6. Which of the following does **NOT** represent 8 x 8?

a. 

b. **64**

c. 

d.