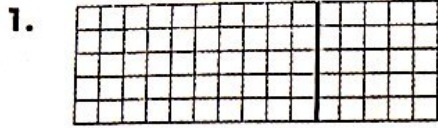


Due
Wednesday!

Multiplication Practice!!

Use the area model to complete the equations.



$5 \times 10 = \underline{\quad\quad}$ $5 \times 5 = \underline{\quad\quad}$

$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$

$5 \times 15 = \underline{\quad\quad}$



$7 \times 10 = \underline{\quad\quad}$ $7 \times 4 = \underline{\quad\quad}$

$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$

$7 \times 14 = \underline{\quad\quad}$

HINT Did you find the number of squares in each rectangle first?

Fill in the numbers in the boxes to complete the multiplication.

3.
$$\begin{array}{r} 3 \square \\ 283 \\ \times \quad 4 \\ \hline \square, 13\square \end{array}$$

4.
$$\begin{array}{r} 312 \\ \times \quad 3 \\ \hline \square\square6 \end{array}$$

5.
$$\begin{array}{r} 1\square \\ 1,037 \\ \times \quad 5 \\ \hline 5, \square\square5 \end{array}$$

REMEMBER Regroup when the product of the digits is a 2-digit number.

6.
$$\begin{array}{r} \square \\ 29 \\ \times 13 \\ \hline 8\square \leftarrow 3 \times 29 \\ + 2\square0 \leftarrow 10 \times 29 \\ \hline \square77 \end{array}$$

7.
$$\begin{array}{r} 1 \\ \square \\ 57 \\ \times 24 \\ \hline 2\square8 \leftarrow 4 \times 57 \\ + 114\square \leftarrow 20 \times 57 \\ \hline 1,36\square \end{array}$$

Multiplication Practice!!

Due Wednesday!

Multiply. *Use grid, lattice, or distributive method! *

8.
$$\begin{array}{r} 42 \\ \times 3 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 579 \\ \times 6 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 3,078 \\ \times 2 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 26 \\ \times 45 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 212 \\ \times 5 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 34 \\ \times 15 \\ \hline \end{array}$$

Choose the best answer.

14. One spider has 8 legs. How many legs do 25 spiders have?

- A. 100
- B. 160
- C. 200
- D. 210

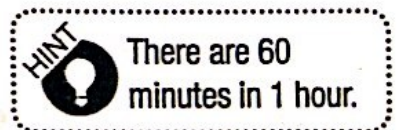
15. One bag contains 24 daffodil bulbs. How many bulbs are in 12 bags?

- A. 72
- B. 288
- C. 298
- D. 388

Solve.

16. Each student in Danny's school uses 5 pencils each year. There are 728 students in Danny's school. How many pencils do the students use in one year?

17. Tanya's heart beats 68 times per minute. How many times does it beat in one hour?



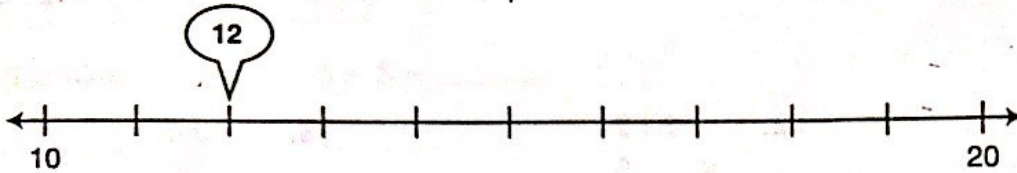
18. **DESCRIBE** Explain how you would use an area model to show 3×19 .

19. **CREATE** Write a multiplication equation that has 3,500 as its product.

Estimate Products *Due Thursday!*

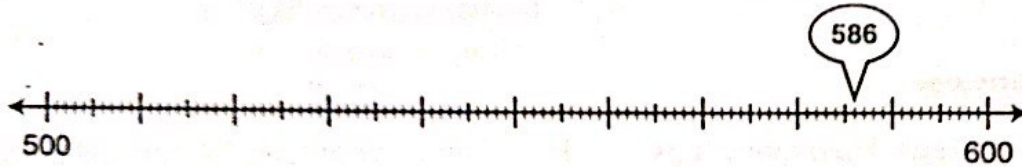
Estimate 12×586 .

Step 1 Round 12 to the nearest 10. Use a number line.



The number 12 is closer to 10. Round 12 to 10.

Step 2 Round 586 to the nearest 100. Use a number line.



The number 586 is closer to 600. Round 586 to 600.

Step 3 Estimate the product.

$$\begin{array}{r} 586 \rightarrow 600 \\ \times 12 \rightarrow \times 10 \\ \hline 6,000 \end{array}$$

Solution: 12×586 is *about* 6,000

Estimate each product by rounding each factor to its greatest place.

1. $21 \rightarrow$
 $\times 13 \rightarrow$

2. $38 \rightarrow$
 $\times 19 \rightarrow$

3. 208
 $\times 32$

4. 398
 $\times 47$

5. 17
 $\times 21$

6. 108
 $\times 91$

7. 301
 $\times 66$

8. $8,888$
 $\times 22$

* You will need to show work for problems with clouds around them! ☺ *

(1)
$$\begin{array}{r} 17 \\ \times 4 \\ \hline \end{array}$$

(5)
$$\begin{array}{r} 16 \\ \times 6 \\ \hline \end{array}$$

(9)
$$\begin{array}{r} 17 \\ \times 14 \\ \hline \end{array}$$

(13)
$$\begin{array}{r} 3 \\ \times 18 \\ \hline \end{array}$$

(2)
$$\begin{array}{r} 8 \\ + 10 \\ \hline \end{array}$$

(6)
$$\begin{array}{r} 12 \\ \times 19 \\ \hline \end{array}$$

(10)
$$\begin{array}{r} 9 \\ + 19 \\ \hline \end{array}$$

(14)
$$\begin{array}{r} 15 \\ \times 19 \\ \hline \end{array}$$

(3)
$$\begin{array}{r} 5 \\ \times 19 \\ \hline \end{array}$$

(7)
$$\begin{array}{r} 19 \\ \times 5 \\ \hline \end{array}$$

(11)
$$\begin{array}{r} 8 \\ + 20 \\ \hline \end{array}$$

(15)
$$\begin{array}{r} 13 \\ \times 9 \\ \hline \end{array}$$

(4)
$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

(8)
$$\begin{array}{r} 12 \\ + 1 \\ \hline \end{array}$$

(12)
$$\begin{array}{r} 19 \\ \times 15 \\ \hline \end{array}$$

(16)
$$\begin{array}{r} 20 \\ + 16 \\ \hline \end{array}$$

(17) $4 \times 5 =$

(24) $12 \times 4 =$

(31) $4 \times 15 =$

(18) $11 \times 4 =$

(25) $5 \times 13 =$

(32) $9 \times 7 =$

(19) $17 \times 20 =$

(26) $16 \times 12 =$

(33) $10 \times 10 =$

(20) $20 \times 5 =$

(27) $12 \times 6 =$

(34) $18 \times 2 =$

(21) $7 \times 13 =$

(28) $14 \times 18 =$

(35) $7 \times 12 =$

(22) $3 \times 11 =$

(29) $2 \times 7 =$

(36) $5 + 2 =$

(23) $3 + 6 =$

(30) $8 \times 20 =$

(37) $5 \times 17 =$