

Name _____

Date _____

Solve the following problems. Draw tape diagrams to help you solve. Identify if the group size or the number of groups is unknown.

1. 572 cars were parked in a parking garage. The same number of cars was parked on each floor. If there were 4 floors, how many cars were parked on each floor?

2. 356 kilograms of flour were packed into sacks holding 2 kilograms each. How many sacks were packed?

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Solve the following problems. Draw tape diagrams to help you solve. If there is a remainder, shade in a small portion of the tape diagram to represent that portion of the whole.

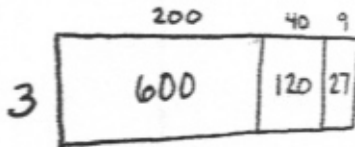
1. Mr. Foote needs exactly 6 folders for each fourth-grade student at Hoover Elementary School. If he bought 726 folders, to how many students can he supply folders?

2. Mrs. Terrance has a large bin of 236 crayons. She divides them equally among four containers. How many crayons does Mrs. Terrance have in each container?

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1. Anna solved the following division problem by drawing an area model.



- What division problem did she solve?
- Show a number bond to represent Anna's area model, and represent the total length using the distributive property.

2. a. Draw an area model to solve $1,368 \div 2$.

- Draw a number bond to represent this problem.
- Record your work using the long division algorithm.

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1. Use the associative property to rewrite each expression. Solve using disks, and then complete the number sentences.

20×41

_____ \times _____ \times _____ = _____

| hundreds | tens | ones |
|----------|------|------|
| | | |

2. Distribute 32 as $30 + 2$ and solve.

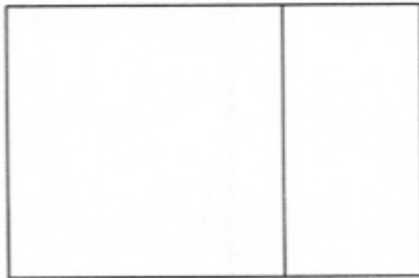
60×32

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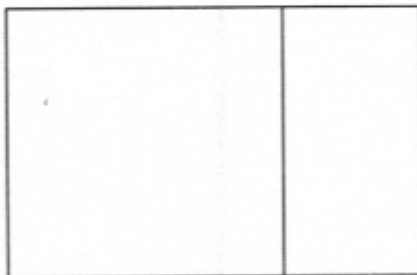
Use an area model to represent the following expressions. Then, record the partial products and solve.

1. 30×93



$$\begin{array}{r} 93 \\ \times 30 \\ \hline \\ + \\ \hline \end{array}$$

2. 40×76



$$\begin{array}{r} 76 \\ \times 40 \\ \hline \\ + \\ \hline \end{array}$$