

More Partial-Quotients Division

Lesson 6-7

DATE

TIME



Estimate. Write a number model to represent the problem. Then use partial quotients to solve.

- 1 There are 184 plants to put into pots. Each pot can hold 8 plants. How many pots are needed?

Estimate: _____ pots

Number model with unknown:

- 2 Carpenters are installing hinges. They have 371 screws. Each hinge needs 3 screws. How many hinges can they install?

Estimate: _____ hinges

Number model with unknown:

Answer: _____ pots

How many plants are left over?

_____ plants

Answer: _____ hinges

How many screws are left over?

_____ screws

- 3 Draw a rectangle. Divide it into parts to represent your answer to Problem 2.

More Partial-Quotients Division (continued)

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Estimate. Write a number model to represent the problem. Then use partial quotients to solve.

- 4 A waiter distributed 1,325 drinking straws evenly among 9 dispensers. How many straws went in each dispenser?

Estimate:

_____ straws

Number model with unknown:

- 5 The local movie theater sold \$2,496 worth of tickets on Friday night. If each ticket cost \$8, how many tickets were sold?

Estimate:

_____ tickets

Number model with unknown:

Answer: _____ straws

How many straws are left over?

_____ straws

Answer: _____ tickets

How many dollars are left over?

_____ dollars

- 6 Draw a rectangle. Divide it into parts to represent your answer to Problem 5.