

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

## Solving Proportions

Sheet 5

- 1) Sandra takes half an hour to prepare 6 pancakes at a constant rate. How many pancakes can she make in 20 minutes?

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- 2) A soccer stadium in Portland has a total of 728 seats spread over 28 rows. How many seats do 12 rows in the stadium accommodate?

\_\_\_\_\_

- 3) The price listed for plates is \$1.20 per plate. How much will Jane need to pay for 15 plates?

# PREVIEW

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- 3) What amount will be charged for 15 plates?

- 4) How long does it take to type out an assignment if it takes 15 minutes to type 100 words?

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- 5) Kylie buys 4 pencils for \$1.20. How many pencils can she buy for \$3.00?

\_\_\_\_\_

- 6) Michelle buys 4 theme park admission cards online and gifts them to her nieces. What will be the charge for 5 such admission cards, if she spent \$748 on her purchase?

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**Solving Proportions**

- 1) Sandra takes half an hour to prepare 6 pancakes at a constant rate. How many pancakes can she make in 20 minutes?

**4 pancakes**

- 2) A soccer stadium in Portland has a total of 728 seats spread over 28 rows. How many seats do 12 rows in the stadium accommodate?

- 3) The price listed for plates is \$1.20 per plate. How much will Jane need to pay for 10 plates?

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- 3) What amount will Jane need to pay for 10 plates?

- 4) How long does it take to type out an assignment if it takes 15 minutes to type 100 words?

- 4) How long does it take to type out an assignment if it takes 15 minutes to type 100 words?

- 5) Kylie buys 4 pencils for \$1.20. How many pencils can she buy for \$14.30?

- 5) How many pencils can she buy for \$14.30 if she buys pencils in all, find the total cost.

**143 pencils**

- 6) Michelle buys 4 theme park admission cards online and gifts them to her nieces. What will be the charge for 5 such admission cards, if she spent \$748 on her purchase?

**\$935**