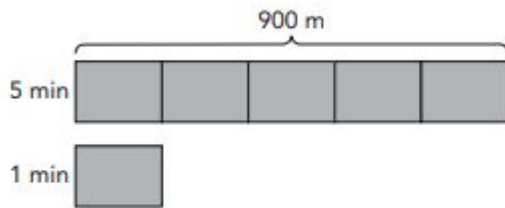# Math 6 Remote Learning Lesson 8 - Using Rates

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Example

Jim walks 900 meters in 5 minutes. At what rate does he walk?

900 m

5 min

1 min

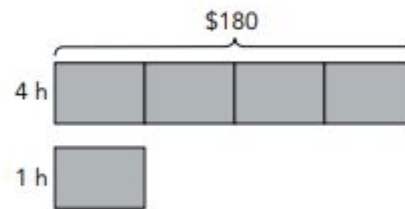___5___ min → __900__ m

___1___ min → __900__ ÷ __5__ = __180__ m

Jim walks at a rate of __180__ meters per minute.

A plumber earns $180 for 4 hours of work. How much does the plumber earn per hour?

_____ h → $_____

_____ h → $_____ ÷ _____ = $_____

The plumber earns $_____ per hour.

$180

4 h

1 h

A photocopy machine can print 240 copies in 30 minutes. What is the rate at which the machine prints the copies per minute?

The fuel tank in Kevin's car was completely empty. Kevin paid $92.75 to fill the tank with 26.5 gallons of gasoline. What was the cost per gallon of gasoline?

The table shows the cost of three different brands of paper.

Type of Paper	Amount Purchased	Amount Paid	Cost Per Ream
Brand A	3 reams	$13.50	?
Brand B	4 reams	$20.20	?
Brand C	2 reams	$10.80	?

Which brand of paper cost the most per ream?