

## Combined Equations Practice

Use the table below to help you solve the problem.

<p><b>Problem:</b></p> <p>Charles rented a kayak for 3 days at \$15 per day. He also paid a deposit fee of \$25. What was his total cost for renting the kayak? Write and solve an equation that could be used to determine <math>C</math>, the amount Charles paid to rent the kayak.</p>
<p><b>Understand the problem/plan:</b></p> <p>What are you trying to find?</p> <p>What do you know?</p>
<p><b>Diagram:</b></p> <p>Create a diagram to model this problem. Use the letter <math>C</math> to represent what you are trying to find.</p>
<p><b>Equation:</b></p> <p>Write an equation based on the diagram you have created.</p>
<p><b>Solve:</b></p>

## Combined Equations Practice

Use the table below to help you solve the problem.

<p><b>Problem:</b></p> <p>Lori paid \$13 each for 3 short-sleeved T-shirts. She also paid \$18 for one long-sleeved T-shirt. What is the total amount Lori paid for all the T-shirts? Write and solve an equation that could be used to determine <math>C</math>, the amount Lori paid for the T-shirts.</p>
<p><b>Understand the problem/plan:</b></p> <p>What are you trying to find?</p> <p>What do you know?</p>
<p><b>Diagram:</b></p> <p>Create a diagram to model this problem. Use the letter <math>C</math> to represent what you are trying to find.</p>
<p><b>Equation:</b></p> <p>Write an equation based on the diagram you have created.</p>
<p><b>Solve:</b></p>

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Use the table below to help you solve the problem.

**Problem:**

Last night, Howie did his homework. He spent 20 minutes each on math, science and social studies. Then he spent 30 minutes on a reading assignment. Write and solve an equation that could be used to determine  $M$ , the total number of minutes Howie spent on his homework last night.

**Understand the problem/plan:**

What are you trying to find?

What do you know?

**Diagram:**

Create a diagram to model this problem. Use the letter  $M$  to represent what you are trying to find.

**Equation:**

Write an equation based on the diagram you have created.

**Solve:**

## Combined Equations Practice

Use the table below to help you solve the problem.

<p><b>Problem:</b></p> <p>Jenna bought 4 hats for \$3 each and a video game for \$48. Write and solve an equation that could be used to determine <math>M</math>, the total amount of money Jenna spent.</p>
<p><b>Understand the problem/plan:</b></p> <p>What are you trying to find?</p> <p>What do you know?</p>
<p><b>Diagram:</b></p> <p>Create a diagram to model this problem. Use the letter <math>M</math> to represent what you are trying to find.</p>
<p><b>Equation:</b></p> <p>Write an equation based on the diagram you have created.</p>
<p><b>Solve:</b></p>