

# 3.5 Puzzle Time

## Did You Hear About...

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>
<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

<b>44</b> <b>THE</b>
<b>20</b> <b>BECAUSE</b>
<b>18</b> <b>IN</b>
<b>16</b> <b>DAY</b>
<b>3.8</b> <b>MINUTES</b>
<b>45</b> <b>SECONDS</b>
<b>9</b> <b>FOR</b>
<b>5.2</b> <b>LUNCH</b>
<b>12 <math>\frac{3}{4}</math></b> <b>TIME</b>
<b>18 <math>\frac{3}{4}</math></b> <b>CAFETERIA</b>

**Solve the proportion using multiplication.**

**A.**  $\frac{m}{8} = \frac{3}{4}$

**B.**  $\frac{7}{9} = \frac{y}{18}$

**C.**  $\frac{6}{13} = \frac{r}{39}$

**D.**  $\frac{g}{48} = \frac{11}{12}$

**E.**  $\frac{z}{24} = \frac{25}{32}$

**F.**  $\frac{b}{21} = \frac{5}{7}$

**G.**  $\frac{11}{27} = \frac{n}{18}$

**H.**  $\frac{9}{28} = \frac{s}{42}$

**Solve the proportion using the Cross Products Property.**

**I.**  $\frac{c}{12} = \frac{5}{3}$

**J.**  $\frac{9}{4} = \frac{x}{16}$

**K.**  $\frac{7}{8} = \frac{14}{p}$

**L.**  $\frac{12}{7} = \frac{36}{n}$

**M.**  $\frac{k}{20} = \frac{13}{50}$

**N.**  $\frac{15}{a} = \frac{25}{14}$

**O.**  $\frac{6.6}{1.2} = \frac{w}{4.2}$

**P.**  $\frac{1.6}{3.2} = \frac{2.8}{t}$

**Q.**  $\frac{5}{\$13.75} = \frac{p}{\$24.75}$

**R.**  $\frac{230 \text{ cal}}{30 \text{ min}} = \frac{345 \text{ cal}}{x \text{ min}}$

<b>36</b> <b>EVERY</b>
<b>14</b> <b>CLOCK</b>
<b>5.6</b> <b>BACK</b>
<b>15</b> <b>THAT</b>
<b>6</b> <b>THE</b>
<b>21</b> <b>AT</b>
<b>23.1</b> <b>WENT</b>
<b>8.4</b> <b>IT</b>
<b>13 <math>\frac{1}{2}</math></b> <b>SLOW</b>
<b>7 <math>\frac{1}{3}</math></b> <b>WAS</b>