

# MAZE PHRASE page 1

Do the problems below and on page 2. Find your answers in the maze on page 2. SHADE IN each room containing a correct answer.

Then find a path to the Treasure that goes only through rooms you have NOT shaded in. The words in those rooms will form an a-mazing message!

<b>1</b>	The temperature at 6:00 P.M. in Frostfrozen, Antarctica was $-37^{\circ}\text{C}$ . If the temperature dropped $8\frac{1}{2}^{\circ}\text{C}$ during the next hour, what was the temperature at 7:00 P.M.?
<b>2</b>	Cash Orcheck had a balance of \$867 in his checking account on January 1. During January, Cash wrote checks for the following amounts: \$98, \$456, \$29, and \$381. What was his balance at the end of January?
<b>3</b>	Joe Terrific gained 986 yards during football season. Ziggy Fumble lost 118 yards during the season. What was the difference in their yardage gains?
<b>4</b>	The net profit for 4 months of Calculess Company is shown in the table: What was the net profit for the 4 month period?
<b>5</b>	A submarine was cruising at $-132$ meters. It then climbed to $-64\frac{1}{2}$ meters. What was the difference between its original altitude and its later altitude?
<b>6</b>	An elevator traveled in this way: up 18 floors, down 6 floors, down 14 floors, up 19 floors, down 25 floors. What was the net change in position of the elevator?
<b>7</b>	Astronauts Milky and Way boarded their spacecraft $4\frac{1}{2}$ hours before launch. They ate lunch $2\frac{3}{4}$ hours after launch. How many hours passed between boarding time and lunch time?
<b>8</b>	The Buzzards football team made the following gains on four plays: 9 yards, $-11$ yards, $-2\frac{2}{3}$ yards, $6\frac{1}{3}$ yards. What was the net change in position of the Buzzards as a result of the four plays?
<b>9</b>	On Monday, the temperature in Iceberg, North Pole was $-19^{\circ}\text{C}$ . On Tuesday, it rose $26\frac{1}{2}^{\circ}\text{C}$ . On Wednesday, it dropped $33\frac{1}{2}^{\circ}\text{C}$ . What was the temperature on Wednesday?
<b>10</b>	During a week, the stock of M.A.T.H. Corporation had the following daily changes in price: Monday, up 4 points; Tuesday, down 6 points; Wednesday, up $3\frac{1}{2}$ points; Thursday, up $1\frac{1}{4}$ points; Friday, down $\frac{5}{8}$ of a point. What was the net change in price of the stock for the week?

# page 2

**11** What is the distance  $x$  in the figure at the right?

**12** A cross-country skier started skiing at the 2000 meter level of a mountain. His altitude changed during the next four hours as follows: 1st hour, up 47 meters; 2nd hour, down 269 meters; 3rd hour, down 109 meters; 4th hour, up 54 meters. What was his altitude after the 4th hour?

**13** One of two brothers was scuba diving at  $-9\frac{1}{2}$  meters. The other brother was flying in a helicopter at 298 meters. What was the difference in the two brothers' altitudes?

**TREASURE** ★

**ENOUGH**  $-\$86$  **IT**  $22\frac{1}{5}$  cm **IS**  $1\frac{2}{3}$  yd **ABOUT**  $-45\frac{1}{2}^{\circ}\text{C}$  **OFTEN**

**KNOW**  $-1\frac{1}{3}$  yd **SAW**  $-\$97$  **THAT**  $304\frac{1}{2}$  m **THINK**  $67\frac{1}{2}$  m **EAT**

**THEY**  $-4$  **CAN**  $-47\frac{1}{2}^{\circ}\text{C}$  **BELIEVE**  $1634$  m **NOT**  $\$23,600$  **DO**

**BECAUSE**  $-22^{\circ}\text{C}$  **STONE**  $69\frac{1}{2}$  m **IN**  $1723$  m **STATUES**  $7\frac{1}{3}$  hr **TEACHERS**

**FIGHT**  $1104$  yd **MONSTERS**  $307\frac{1}{2}$  m **WORKING**  $309\frac{1}{2}$  m **MANY**  $2\frac{2}{3}$  hr **SHOP**

**FIREMEN**  $21\frac{7}{10}$  cm **ENTER**  $6\frac{5}{6}$  hr **A**

↑ ↑ ENTER

WRITE THE MESSAGE HERE: