

Write equations with variables

Grade 5 Math Word Problems Worksheet

١.	The beach is x miles away from home. Josh drove to and from
	the beach with a total distance of 36 miles. Find x .

2. Emily bought some ice cream cones which cost \$24. She paid m and got back \$6 of change. Find m.

3. In the morning, there were t people at the beach. Later at noon, $\frac{2}{7}$ of the people left the beach and there were 30 people left on the beach. Find t.





4.	Joshua brought \emph{c} beach toys to the beach. He shared them
	with 6 other friends. Each of them got 4 beach toys. Find \emph{c} .

5. Mariah promised her children they would play on the beach for 90 minutes. After they played for y minutes, she reminded the children that they would be leaving in 15 minutes. Find y.

6. Norah bought 2 bottles of water, each with a capacity of 500ml. After Norah and her sister each drank z ml from the bottles, they have total of 340 ml of water left. Find z.



Answers

1.
$$2x = 36$$

 $x = 18$

2.
$$m - 24 = 6$$

 $m = 30$

3.
$$\frac{5t}{7} = 30$$
$$5t = 210t = 42$$

$$4. \qquad \frac{c}{7} = 4$$

$$c = 28$$

5.
$$15 + y = 90$$

 $y = 75$

6.
$$2(500 - z) = 340$$
$$500 - z = 170$$
$$z = 330$$