## Write equations with variables

Grade 5 Math Word Problems Worksheet

1. 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 $c$ beach toys to the beach. He shared them with 6 other friends. Each of them got 4 beach toys. Find $c$.
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 500 ml . 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. $2 x=36$
$x=18$
2. $m-24=6$
$m=30$
3. $\frac{5 t}{7}=30$
$5 t=210 t=42$
4. $\frac{c}{7}=4$
$c=28$
5. $15+y=90$
$y=75$
6. $2(500-z)=340$
$500-z=170$
$z=330$
